

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077085.D
 Acq On : 21 Mar 2023 12:30
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 21 23:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	395744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	702128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	614971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	307601	48.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.320%		
35) Dibromofluoromethane	8.172	113	237815	48.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.566	98	889306	50.631	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.854	95	313727	50.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	57737	14.605	ug/l	97
3) Chloromethane	2.378	50	49674	12.458	ug/l	97
4) Vinyl Chloride	2.531	62	61018	14.177	ug/l	94
5) Bromomethane	2.972	94	50235	17.280	ug/l	100
6) Chloroethane	3.137	64	53755	19.739	ug/l	92
7) Trichlorofluoromethane	3.513	101	160664	17.352	ug/l	97
8) Diethyl Ether	3.972	74	61179	17.557	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.390	101	94630	18.017	ug/l	99
10) Methyl Iodide	4.601	142	99897	16.887	ug/l	98
11) Tert butyl alcohol	5.525	59	76848	83.428	ug/l	99
12) 1,1-Dichloroethene	4.360	96	84363	17.559	ug/l	95
13) Acrolein	4.196	56	99086	86.971	ug/l	99
14) Allyl chloride	5.037	41	160228	18.216	ug/l	95
15) Acrylonitrile	5.731	53	273769	88.408	ug/l	99
16) Acetone	4.443	43	253301	89.930	ug/l	97
17) Carbon Disulfide	4.725	76	222677	15.894	ug/l	99
18) Methyl Acetate	5.037	43	185337	17.450	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	306252	17.760	ug/l	99
20) Methylene Chloride	5.295	84	104550	17.103	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	93410	17.937	ug/l	98
22) Diisopropyl ether	6.684	45	347535	18.033	ug/l	95
23) Vinyl Acetate	6.613	43	1056470	86.873	ug/l	100
24) 1,1-Dichloroethane	6.578	63	191394	17.356	ug/l	100
25) 2-Butanone	7.489	43	363492	88.219	ug/l	97
26) 2,2-Dichloropropane	7.501	77	147178	17.738	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	110787	18.575	ug/l	97
28) Bromochloromethane	7.819	49	90056	18.804	ug/l	98
29) Tetrahydrofuran	7.842	42	236911	88.731	ug/l	99
30) Chloroform	7.972	83	193730	18.100	ug/l	99
31) Cyclohexane	8.260	56	171948	16.625	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	165066	18.044	ug/l	96
36) 1,1-Dichloropropene	8.378	75	138339	18.013	ug/l	98
37) Ethyl Acetate	7.566	43	142799	17.378	ug/l	99
38) Carbon Tetrachloride	8.372	117	137923	18.437	ug/l	98
39) Methylcyclohexane	9.607	83	164237	18.270	ug/l	94
40) Benzene	8.613	78	429308	18.432	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077085.D
 Acq On : 21 Mar 2023 12:30
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2023
 Supervised By : Mahesh Dadoda 03/22/2023

Quant Time: Mar 21 23:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	81942	18.511	ug/l	97
42) 1,2-Dichloroethane	8.678	62	155881	18.521	ug/l	99
43) Isopropyl Acetate	8.695	43	230871	17.986	ug/l	99
44) Trichloroethene	9.360	130	95187	17.792	ug/l	100
45) 1,2-Dichloropropane	9.625	63	113812	18.398	ug/l	96
46) Dibromomethane	9.713	93	71854	18.417	ug/l	97
47) Bromodichloromethane	9.889	83	148113	18.101	ug/l	99
48) Methyl methacrylate	9.683	41	112379	18.313	ug/l	97
49) 1,4-Dioxane	9.701	88	36509	348.322	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	728479	91.133	ug/l	98
52) Toluene	10.636	92	262918	18.906	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	146632	18.284	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	168547	18.627	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	102714	18.730	ug/l	95
56) Ethyl methacrylate	10.877	69	155456	18.852	ug/l	98
57) 1,3-Dichloropropane	11.166	76	180409	17.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	285909	81.325	ug/l	99
59) 2-Hexanone	11.195	43	525716	90.674	ug/l	100
60) Dibromochloromethane	11.366	129	103406	18.772	ug/l	99
61) 1,2-Dibromoethane	11.472	107	98301	18.076	ug/l	100
64) Tetrachloroethene	11.107	164	77378	18.748	ug/l	98
65) Chlorobenzene	11.895	112	262977	18.585	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	97507	18.623	ug/l	99
67) Ethyl Benzene	11.966	91	483066	18.795	ug/l	100
68) m/p-Xylenes	12.071	106	368282	38.637	ug/l	99
69) o-Xylene	12.401	106	176069	18.590	ug/l	98
70) Styrene	12.413	104	290601	19.708	ug/l	99
71) Bromoform	12.577	173	67486	19.022	ug/l #	98
73) Isopropylbenzene	12.701	105	462656	19.276	ug/l	100
74) N-amyl acetate	12.495	43	190062	18.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	154037	17.714	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	119267m	17.216	ug/l	
77) Bromobenzene	12.983	156	101786	18.931	ug/l	95
78) n-propylbenzene	13.036	91	545423	19.685	ug/l	99
79) 2-Chlorotoluene	13.130	91	343320	19.446	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	405315	20.226	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	44615	17.727	ug/l	97
82) 4-Chlorotoluene	13.224	91	324043	19.301	ug/l	99
83) tert-Butylbenzene	13.442	119	331098	19.679	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	400166	20.011	ug/l	98
85) sec-Butylbenzene	13.618	105	474233	19.814	ug/l	99
86) p-Isopropyltoluene	13.730	119	386473	20.108	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	186760	18.378	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	185067	18.305	ug/l	99
89) n-Butylbenzene	14.060	91	324479	19.244	ug/l	100
90) Hexachloroethane	14.336	117	70175	17.958	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	186710	18.433	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	27709	17.197	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	85762	18.729	ug/l	100
94) Hexachlorobutadiene	15.507	225	49408	19.593	ug/l	96
95) Naphthalene	15.642	128	274253	16.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	85636	18.638	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
Data File : VN077085.D
Acq On : 21 Mar 2023 12:30
Operator : JC\MD
Sample : VN0321WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 21 23:14:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077085.D
 Acq On : 21 Mar 2023 12:30
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Quant Time: Mar 21 23:14:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

