

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081929.D
 Acq On : 30 Apr 2024 14:19
 Operator : JC\MD
 Sample : VN0430WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:53:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164867	43.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.700%		
35) Dibromofluoromethane	8.171	113	118346	46.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.000%		
50) Toluene-d8	10.571	98	492064	48.702	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.853	95	166504	41.689	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	83.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	49547	15.664	ug/l	100
3) Chloromethane	2.365	50	53490	16.210	ug/l	94
4) Vinyl Chloride	2.518	62	50807	17.009	ug/l	99
5) Bromomethane	2.959	94	23927	15.269	ug/l	100
6) Chloroethane	3.124	64	29334	19.430	ug/l	98
7) Trichlorofluoromethane	3.500	101	73322	15.868	ug/l	99
8) Diethyl Ether	3.965	74	34077	17.361	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	48300	18.005	ug/l	94
10) Methyl Iodide	4.595	142	45322	19.289	ug/l	93
11) Tert butyl alcohol	5.524	59	56529	81.767	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	49497	18.137	ug/l	98
13) Acrolein	4.177	56	40630	70.068	ug/l	96
14) Allyl chloride	5.024	41	86254	14.941	ug/l	89
15) Acrylonitrile	5.718	53	140700	84.755	ug/l	98
16) Acetone	4.424	43	98268	83.747	ug/l	96
17) Carbon Disulfide	4.712	76	129060	15.734	ug/l	97
18) Methyl Acetate	5.030	43	65108	16.903	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	173219	16.820	ug/l	93
20) Methylene Chloride	5.283	84	55883	17.147	ug/l #	88
21) trans-1,2-Dichloroethene	5.794	96	51411	17.277	ug/l	90
22) Diisopropyl ether	6.665	45	192655	17.247	ug/l #	91
23) Vinyl Acetate	6.600	43	768633	84.685	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	101932	17.532	ug/l	98
25) 2-Butanone	7.483	43	178600	82.744	ug/l	89
26) 2,2-Dichloropropane	7.488	77	82393	15.405	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	62330	17.926	ug/l	90
28) Bromochloromethane	7.818	49	51807	18.748	ug/l #	81
29) Tetrahydrofuran	7.841	42	122774	79.319	ug/l	92
30) Chloroform	7.971	83	97026	16.836	ug/l	100
31) Cyclohexane	8.259	56	94276	16.456	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	82975	16.144	ug/l	93
36) 1,1-Dichloropropene	8.371	75	71504	17.085	ug/l	98
37) Ethyl Acetate	7.559	43	80465	17.782	ug/l	97
38) Carbon Tetrachloride	8.365	117	66477	16.252	ug/l	93
39) Methylcyclohexane	9.600	83	89412	17.591	ug/l	93
40) Benzene	8.606	78	228724	18.205	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081929.D
 Acq On : 30 Apr 2024 14:19
 Operator : JC\MD
 Sample : VN0430WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBS01

Quant Time: May 01 00:53:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45637	15.806	ug/l	91
42) 1,2-Dichloroethane	8.671	62	76934	16.491	ug/l	98
43) Isopropyl Acetate	8.688	43	140266	16.485	ug/l	94
44) Trichloroethene	9.353	130	49463	17.076	ug/l	92
45) 1,2-Dichloropropane	9.624	63	57114	17.370	ug/l	96
46) Dibromomethane	9.712	93	35905	15.799	ug/l	94
47) Bromodichloromethane	9.888	83	77582	16.187	ug/l #	96
48) Methyl methacrylate	9.682	41	66906	16.472	ug/l	88
49) 1,4-Dioxane	9.694	88	21161	342.767	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	400119	83.536	ug/l	96
52) Toluene	10.629	92	137002	18.209	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	84438	16.191	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	92290	17.171	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	50971	17.226	ug/l	98
56) Ethyl methacrylate	10.876	69	94658	16.800	ug/l	87
57) 1,3-Dichloropropane	11.165	76	94445	17.953	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	215736	84.048	ug/l	94
59) 2-Hexanone	11.194	43	293838	82.433	ug/l	97
60) Dibromochloromethane	11.365	129	54349	17.341	ug/l	100
61) 1,2-Dibromoethane	11.471	107	52222	18.455	ug/l	96
64) Tetrachloroethene	11.106	164	43599	16.398	ug/l	96
65) Chlorobenzene	11.894	112	146210	18.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46284	17.814	ug/l	96
67) Ethyl Benzene	11.965	91	258073	17.358	ug/l	96
68) m/p-Xylenes	12.076	106	190262	35.878	ug/l	94
69) o-Xylene	12.400	106	94749	18.301	ug/l	94
70) Styrene	12.412	104	157942	17.635	ug/l	96
71) Bromoform	12.582	173	30174	14.773	ug/l #	93
73) Isopropylbenzene	12.694	105	235171	18.066	ug/l	99
74) N-amyl acetate	12.494	43	124139	17.129	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	71943	18.404	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	63893m	16.831	ug/l	
77) Bromobenzene	12.982	156	50759	18.634	ug/l	77
78) n-propylbenzene	13.035	91	281315	17.791	ug/l	97
79) 2-Chlorotoluene	13.123	91	173402	17.237	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	194401	17.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	32326	17.449	ug/l #	89
82) 4-Chlorotoluene	13.223	91	166865	17.085	ug/l	96
83) tert-Butylbenzene	13.441	119	164136	17.893	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	194806	17.709	ug/l	98
85) sec-Butylbenzene	13.617	105	237806	18.404	ug/l	98
86) p-Isopropyltoluene	13.729	119	187690	18.090	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	93663	18.428	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	93592	18.699	ug/l	95
89) n-Butylbenzene	14.059	91	171932	17.804	ug/l	97
90) Hexachloroethane	14.335	117	36014	17.646	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	92076	18.897	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14243	14.966	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	46491	17.055	ug/l	95
94) Hexachlorobutadiene	15.500	225	16564	16.486	ug/l	96
95) Naphthalene	15.641	128	179099	17.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	46480	17.759	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
Data File : VN081929.D
Acq On : 30 Apr 2024 14:19
Operator : JC\MD
Sample : VN0430WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0430WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:53:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

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

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

