

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075959.D
 Acq On : 23 Dec 2022 12:21
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	295219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	433113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	166789	51.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.860%			
35) Dibromofluoromethane	8.177	113	152150	51.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	10.571	98	569551	51.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.853	95	193063	52.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	36242	17.290	ug/l	99
3) Chloromethane	2.377	50	44423	17.043	ug/l	94
4) Vinyl Chloride	2.530	62	54936	17.669	ug/l	95
5) Bromomethane	2.953	94	46549	17.616	ug/l	96
6) Chloroethane	3.124	64	42548	18.479	ug/l	96
7) Trichlorofluoromethane	3.512	101	85095	18.037	ug/l	100
8) Diethyl Ether	3.977	74	31815	18.463	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	50861	18.879	ug/l	98
10) Methyl Iodide	4.600	142	72651	16.617	ug/l	98
11) Tert butyl alcohol	5.536	59	40757	89.684	ug/l	99
12) 1,1-Dichloroethene	4.353	96	45440	17.367	ug/l	96
13) Acrolein	4.195	56	42893	76.987	ug/l	98
14) Allyl chloride	5.030	41	59996	19.615	ug/l	100
15) Acrylonitrile	5.736	53	120259	96.969	ug/l	98
16) Acetone	4.442	43	97799	88.335	ug/l	98
17) Carbon Disulfide	4.724	76	98302	15.517	ug/l	100
18) Methyl Acetate	5.036	43	62047	18.959	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	164179	19.054	ug/l	99
20) Methylene Chloride	5.289	84	55096	18.196	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	50505	17.625	ug/l	99
22) Diisopropyl ether	6.689	45	146228	19.680	ug/l	100
23) Vinyl Acetate	6.618	43	478534	95.685	ug/l	97
24) 1,1-Dichloroethane	6.583	63	91549	18.475	ug/l	97
25) 2-Butanone	7.488	43	148390	95.723	ug/l	92
26) 2,2-Dichloropropane	7.500	77	76881	18.320	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	63440	18.511	ug/l	98
28) Bromochloromethane	7.824	49	40195	18.506	ug/l	97
29) Tetrahydrofuran	7.847	42	99393	102.312	ug/l	98
30) Chloroform	7.971	83	105453	18.901	ug/l	94
31) Cyclohexane	8.265	56	80401	17.480	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	93667	18.937	ug/l	99
36) 1,1-Dichloropropene	8.377	75	71659	18.247	ug/l	100
37) Ethyl Acetate	7.571	43	61224	19.408	ug/l	98
38) Carbon Tetrachloride	8.365	117	82628	18.798	ug/l	93
39) Methylcyclohexane	9.606	83	87140	18.392	ug/l	93
40) Benzene	8.612	78	223283	18.427	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
 Data File : VN075959.D
 Acq On : 23 Dec 2022 12:21
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33758	20.588	ug/l	97
42) 1,2-Dichloroethane	8.677	62	76182	18.912	ug/l	100
43) Isopropyl Acetate	8.694	43	101317	19.470	ug/l	99
44) Trichloroethene	9.359	130	59240	17.354	ug/l	98
45) 1,2-Dichloropropane	9.630	63	55100	18.687	ug/l	99
46) Dibromomethane	9.712	93	39973	18.278	ug/l	98
47) Bromodichloromethane	9.894	83	80968	18.879	ug/l	95
48) Methyl methacrylate	9.682	41	44765	19.100	ug/l	96
49) 1,4-Dioxane	9.700	88	22698	393.941	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	321504	102.164	ug/l	99
52) Toluene	10.635	92	149131	18.898	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	79217	18.869	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	86829	18.837	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	60587	19.560	ug/l	97
56) Ethyl methacrylate	10.876	69	82743	20.112	ug/l	97
57) 1,3-Dichloropropane	11.171	76	97204	19.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	125721	95.978	ug/l	99
59) 2-Hexanone	11.200	43	231723	100.970	ug/l	100
60) Dibromochloromethane	11.365	129	64832	18.821	ug/l	100
61) 1,2-Dibromoethane	11.471	107	60713	19.369	ug/l	99
64) Tetrachloroethene	11.106	164	56653	18.589	ug/l	97
65) Chlorobenzene	11.894	112	162327	18.260	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	61290	18.614	ug/l	99
67) Ethyl Benzene	11.971	91	279590	18.635	ug/l	96
68) m/p-Xylenes	12.076	106	229213	38.599	ug/l	99
69) o-Xylene	12.400	106	109728	18.672	ug/l	99
70) Styrene	12.418	104	179915	19.255	ug/l	100
71) Bromoform	12.582	173	45770	19.103	ug/l #	100
73) Isopropylbenzene	12.700	105	287866	19.009	ug/l	99
74) N-amyl acetate	12.500	43	84333	18.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88554	18.916	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	75998m	17.991	ug/l	
77) Bromobenzene	12.982	156	71093	18.550	ug/l	96
78) n-propylbenzene	13.041	91	321698	19.261	ug/l	100
79) 2-Chlorotoluene	13.129	91	191868	18.403	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	248477	19.605	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21775	18.555	ug/l	97
82) 4-Chlorotoluene	13.129	91	191868	18.403	ug/l	99
83) tert-Butylbenzene	13.441	119	221608	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	244225	19.424	ug/l	99
85) sec-Butylbenzene	13.623	105	301853	19.571	ug/l	99
86) p-Isopropyltoluene	13.735	119	254137	19.802	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	127279	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	128901	17.824	ug/l	99
89) n-Butylbenzene	14.065	91	196391	18.889	ug/l	100
90) Hexachloroethane	14.335	117	43771	19.066	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	132267	18.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15013	18.073	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	57980	16.795	ug/l	98
94) Hexachlorobutadiene	15.506	225	34625	18.383	ug/l	99
95) Naphthalene	15.647	128	170749	16.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	56414	17.484	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
Data File : VN075959.D
Acq On : 23 Dec 2022 12:21
Operator : JC\MD
Sample : VN1223WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:30:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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\VN122322\
 Data File : VN075959.D
 Acq On : 23 Dec 2022 12:21
 Operator : JC\MD
 Sample : VN1223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

Quant Time: Dec 26 04:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

