

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075440.D
 Acq On : 28 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 05:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42045	49.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	50088	48.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	10.565	98	115881	49.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.853	95	85987	50.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	22302	18.346	ug/l	100
3) Chloromethane	2.371	50	28275	18.693	ug/l	95
4) Vinyl Chloride	2.524	62	36787	19.298	ug/l #	84
5) Bromomethane	2.959	94	31111	18.559	ug/l	100
6) Chloroethane	3.130	64	29140	20.174	ug/l	99
7) Trichlorofluoromethane	3.512	101	51830	19.032	ug/l	99
8) Diethyl Ether	3.971	74	18878	19.778	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	30593	20.349	ug/l	93
10) Methyl Iodide	4.600	142	46011	18.887	ug/l	98
11) Tert butyl alcohol	5.536	59	31221	87.154	ug/l	98
12) 1,1-Dichloroethene	4.353	96	28058	19.059	ug/l	92
13) Acrolein	4.195	56	26532	85.018	ug/l	99
14) Allyl chloride	5.042	41	33272	17.472	ug/l	95
15) Acrylonitrile	5.736	53	82362	100.213	ug/l	99
16) Acetone	4.442	43	76180	95.708	ug/l	90
17) Carbon Disulfide	4.724	76	64401	16.833	ug/l	98
18) Methyl Acetate	5.036	43	43939	21.150	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	101663	19.494	ug/l	99
20) Methylene Chloride	5.289	84	33542	20.014	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	30815	18.367	ug/l	93
22) Diisopropyl ether	6.683	45	86572	19.922	ug/l	97
23) Vinyl Acetate	6.612	43	338177m	97.818	ug/l	
24) 1,1-Dichloroethane	6.577	63	54795	19.645	ug/l	100
25) 2-Butanone	7.494	43	106477	95.816	ug/l	98
26) 2,2-Dichloropropane	7.500	77	49807	19.213	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	37952	20.005	ug/l	93
28) Bromochloromethane	7.824	49	23566	20.814	ug/l	89
29) Tetrahydrofuran	7.847	42	68798	101.780	ug/l	99
30) Chloroform	7.971	83	61221	19.113	ug/l	100
31) Cyclohexane	8.265	56	49394	18.218	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	56558	19.446	ug/l	96
36) 1,1-Dichloropropene	8.377	75	43972	19.577	ug/l	98
37) Ethyl Acetate	7.571	43	42927	21.226	ug/l	99
38) Carbon Tetrachloride	8.365	117	50427	20.438	ug/l	94
39) Methylcyclohexane	9.606	83	56297	20.027	ug/l	95
40) Benzene	8.612	78	135857	19.756	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075440.D
 Acq On : 28 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 05:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	19927	19.272	ug/l	91
42) 1,2-Dichloroethane	8.677	62	46207	20.063	ug/l	98
43) Isopropyl Acetate	8.694	43	65918	20.306	ug/l	99
44) Trichloroethene	9.359	130	37642	20.005	ug/l	91
45) 1,2-Dichloropropane	9.624	63	33192	20.254	ug/l	93
46) Dibromomethane	9.712	93	25039	20.200	ug/l	93
47) Bromodichloromethane	9.888	83	48532	20.218	ug/l #	97
48) Methyl methacrylate	9.682	41	31385	20.909	ug/l	97
49) 1,4-Dioxane	9.700	88	16977	398.306	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	215786	104.365	ug/l	98
52) Toluene	10.635	92	88853	20.050	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	48247	20.021	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	53840	20.571	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	37024	20.513	ug/l	94
56) Ethyl methacrylate	10.876	69	50367	20.663	ug/l	96
57) 1,3-Dichloropropane	11.165	76	59695	20.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	88819	101.035	ug/l	97
59) 2-Hexanone	11.200	43	158482	102.077	ug/l	98
60) Dibromochloromethane	11.359	129	39930	21.553	ug/l	97
61) 1,2-Dibromoethane	11.471	107	36742	19.613	ug/l	98
64) Tetrachloroethene	11.106	164	36579	20.286	ug/l #	84
65) Chlorobenzene	11.894	112	99984	20.504	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	37190	20.434	ug/l	97
67) Ethyl Benzene	11.965	91	170127	20.449	ug/l	97
68) m/p-Xylenes	12.070	106	141626	41.921	ug/l	97
69) o-Xylene	12.400	106	67611	20.142	ug/l	96
70) Styrene	12.412	104	107920	20.381	ug/l	98
71) Bromoform	12.582	173	28525	20.593	ug/l #	98
73) Isopropylbenzene	12.700	105	176378	20.363	ug/l	99
74) N-amyl acetate	12.500	43	53846	20.221	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	54407	20.603	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46708m	20.837	ug/l	
77) Bromobenzene	12.982	156	42634	19.938	ug/l	86
78) n-propylbenzene	13.041	91	199276	20.616	ug/l	99
79) 2-Chlorotoluene	13.129	91	120095	20.620	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	149243	20.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15764	20.808	ug/l	96
82) 4-Chlorotoluene	13.129	91	120095	20.620	ug/l	96
83) tert-Butylbenzene	13.441	119	132979	20.268	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	150798	20.892	ug/l	99
85) sec-Butylbenzene	13.617	105	185907	20.883	ug/l	99
86) p-Isopropyltoluene	13.729	119	157086	20.972	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	79119	19.528	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	81220	19.735	ug/l	98
89) n-Butylbenzene	14.059	91	123204	19.475	ug/l	99
90) Hexachloroethane	14.335	117	26818	20.755	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	79021	20.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10395	20.781	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	37712	18.634	ug/l	98
94) Hexachlorobutadiene	15.506	225	20796	19.727	ug/l	98
95) Naphthalene	15.647	128	121962	19.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37737	18.972	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
Data File : VN075440.D
Acq On : 28 Nov 2022 11:43
Operator : JC\MD
Sample : VN1128WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 05:30:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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

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

