

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075102.D
 Acq On : 01 Nov 2022 12:33
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	88070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65837	55.482	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	8.177	113	50604	52.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	10.571	98	194105	51.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.853	95	67619	51.163	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	22258	19.428	ug/l	92
3) Chloromethane	2.377	50	24069	19.778	ug/l	94
4) Vinyl Chloride	2.524	62	32789	18.887	ug/l	92
5) Bromomethane	2.936	94	27818	19.411	ug/l	100
6) Chloroethane	3.112	64	24512	19.690	ug/l	99
7) Trichlorofluoromethane	3.500	101	34759	19.600	ug/l	95
8) Diethyl Ether	3.977	74	13420	20.746	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	20378	20.807	ug/l	98
10) Methyl Iodide	4.600	142	28012	19.212	ug/l	99
11) Tert butyl alcohol	5.542	59	27388	98.971	ug/l	98
12) 1,1-Dichloroethene	4.347	96	18084	19.371	ug/l	93
13) Acrolein	4.195	56	25040	110.626	ug/l	100
14) Allyl chloride	5.030	41	27278	20.006	ug/l	97
15) Acrylonitrile	5.730	53	61874	105.845	ug/l	98
16) Acetone	4.453	43	54358	108.185	ug/l	93
17) Carbon Disulfide	4.718	76	42860	18.256	ug/l #	95
18) Methyl Acetate	5.036	43	37017	22.554	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	71123	20.498	ug/l	97
20) Methylene Chloride	5.283	84	23148	20.662	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	19510	19.087	ug/l	92
22) Diisopropyl ether	6.689	45	63180	20.997	ug/l	96
23) Vinyl Acetate	6.612	43	230313	91.662	ug/l	98
24) 1,1-Dichloroethane	6.583	63	38822	20.400	ug/l	98
25) 2-Butanone	7.494	43	83121	105.176	ug/l	98
26) 2,2-Dichloropropane	7.500	77	32575	18.607	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	24824	20.336	ug/l	98
28) Bromochloromethane	7.824	49	17786	22.171	ug/l	94
29) Tetrahydrofuran	7.847	42	53562	104.882	ug/l	98
30) Chloroform	7.977	83	41691	20.178	ug/l	97
31) Cyclohexane	8.265	56	34770	19.701	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	36928	19.681	ug/l	96
36) 1,1-Dichloropropene	8.377	75	28692	19.111	ug/l	99
37) Ethyl Acetate	7.565	43	33080	20.091	ug/l	98
38) Carbon Tetrachloride	8.371	117	31299	18.952	ug/l	99
39) Methylcyclohexane	9.600	83	37147	18.742	ug/l	96
40) Benzene	8.612	78	90081	19.596	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075102.D
 Acq On : 01 Nov 2022 12:33
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	17226	21.838	ug/l	96
42) 1,2-Dichloroethane	8.677	62	34480	20.617	ug/l	99
43) Isopropyl Acetate	8.694	43	53467	20.935	ug/l	98
44) Trichloroethene	9.359	130	22240	19.284	ug/l	97
45) 1,2-Dichloropropane	9.624	63	23310	21.308	ug/l	95
46) Dibromomethane	9.712	93	17459	20.485	ug/l	96
47) Bromodichloromethane	9.894	83	33307	20.180	ug/l	96
48) Methyl methacrylate	9.682	41	24601	20.999	ug/l	97
49) 1,4-Dioxane	9.694	88	12750	415.616	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	173694	105.394	ug/l	99
52) Toluene	10.635	92	59892	19.491	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	34234	19.651	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	36929	19.986	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	24467	20.081	ug/l	92
56) Ethyl methacrylate	10.876	69	36658	19.724	ug/l	95
57) 1,3-Dichloropropane	11.165	76	42318	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	77720	108.169	ug/l	98
59) 2-Hexanone	11.200	43	131010	104.741	ug/l	98
60) Dibromochloromethane	11.359	129	25537	19.866	ug/l	100
61) 1,2-Dibromoethane	11.471	107	25053	20.064	ug/l	99
64) Tetrachloroethene	11.106	164	19548	21.232	ug/l	94
65) Chlorobenzene	11.894	112	64841	20.228	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	23568	19.820	ug/l	99
67) Ethyl Benzene	11.965	91	113537	19.687	ug/l	99
68) m/p-Xylenes	12.070	106	89918	38.857	ug/l	94
69) o-Xylene	12.400	106	44725	19.543	ug/l	98
70) Styrene	12.412	104	71204	19.513	ug/l	98
71) Bromoform	12.582	173	17096	19.203	ug/l #	97
73) Isopropylbenzene	12.700	105	112716	19.451	ug/l	100
74) N-amyl acetate	12.494	43	44376	20.705	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	40181	21.887	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	35629m	23.248	ug/l	
77) Bromobenzene	12.982	156	25335	19.856	ug/l	96
78) n-propylbenzene	13.035	91	129431	19.894	ug/l	98
79) 2-Chlorotoluene	13.129	91	80674	20.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	98257	20.188	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	10820	18.123	ug/l	94
82) 4-Chlorotoluene	13.129	91	80674	20.292	ug/l	99
83) tert-Butylbenzene	13.441	119	85187	19.697	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	98368	19.975	ug/l	98
85) sec-Butylbenzene	13.617	105	118985	19.667	ug/l	97
86) p-Isopropyltoluene	13.729	119	97878	19.589	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	48819	19.541	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	49656	20.084	ug/l	99
89) n-Butylbenzene	14.059	91	80095	19.906	ug/l	99
90) Hexachloroethane	14.335	117	17202	18.777	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	50069	20.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8227	21.048	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	20418	19.105	ug/l	98
94) Hexachlorobutadiene	15.506	225	10014	19.220	ug/l	98
95) Naphthalene	15.641	128	79298	19.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	21726	20.459	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
Data File : VN075102.D
Acq On : 01 Nov 2022 12:33
Operator : JC\MD
Sample : VN1101WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:10:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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

