

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072553.D
 Acq On : 19 May 2022 14:25
 Operator : JC\MD
 Sample : VN0519WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	177484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	263273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	246938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	107393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	138547	50.242	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.480%			
35) Dibromofluoromethane	8.022	113	93721	52.759	ug/l	0.01
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.520%			
50) Toluene-d8	10.439	98	329083	48.941	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.727	95	118384	46.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	37426	18.420	ug/l	93
3) Chloromethane	2.299	50	31476	17.136	ug/l	100
4) Vinyl Chloride	2.440	62	30472	20.327	ug/l	95
5) Bromomethane	2.822	94	24919	17.709	ug/l	94
6) Chloroethane	2.998	64	21868	16.855	ug/l	94
7) Trichlorofluoromethane	3.369	101	68596	19.824	ug/l	99
8) Diethyl Ether	3.822	74	21312	20.741	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	32915	19.978	ug/l	99
10) Methyl Iodide	4.416	142	45011	21.388	ug/l #	84
11) Tert butyl alcohol	5.375	59	29994	118.902	ug/l	96
12) 1,1-Dichloroethene	4.181	96	27673	19.107	ug/l	91
13) Acrolein	4.040	56	31053	88.717	ug/l	98
14) Allyl chloride	4.834	41	48272	19.595	ug/l #	88
15) Acrylonitrile	5.545	53	91390	93.814	ug/l	96
16) Acetone	4.281	43	83190	99.522	ug/l	94
17) Carbon Disulfide	4.528	76	71849	19.156	ug/l	96
18) Methyl Acetate	4.845	43	43085	18.768	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	127604	21.334	ug/l	93
20) Methylene Chloride	5.092	84	37021	18.655	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	31628	19.486	ug/l	92
22) Diisopropyl ether	6.487	45	111153	20.491	ug/l	90
23) Vinyl Acetate	6.428	43	486160	103.657	ug/l	98
24) 1,1-Dichloroethane	6.381	63	65488	19.850	ug/l	97
25) 2-Butanone	7.328	43	122680	93.340	ug/l	97
26) 2,2-Dichloropropane	7.322	77	62507	20.424	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	38813	19.418	ug/l	89
28) Bromochloromethane	7.657	49	28349	21.021	ug/l	97
29) Tetrahydrofuran	7.681	42	79480	99.926	ug/l	97
30) Chloroform	7.816	83	74748	19.797	ug/l	99
31) Cyclohexane	8.092	56	57403	18.728	ug/l #	95
32) 1,1,1-Trichloroethane	8.010	97	71664	20.569	ug/l	97
36) 1,1-Dichloropropene	8.222	75	49356	20.409	ug/l	100
37) Ethyl Acetate	7.410	43	55211	20.775	ug/l	97
38) Carbon Tetrachloride	8.204	117	62770	20.970	ug/l	98
39) Methylcyclohexane	9.457	83	55642	19.714	ug/l	96
40) Benzene	8.457	78	143539	20.313	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
 Data File : VN072553.D
 Acq On : 19 May 2022 14:25
 Operator : JC\MD
 Sample : VN0519WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:52:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	28192	22.113	ug/l	91
42) 1,2-Dichloroethane	8.528	62	69013	21.047	ug/l	92
43) Isopropyl Acetate	8.557	43	84546	19.783	ug/l	98
44) Trichloroethene	9.210	130	38429	20.004	ug/l	89
45) 1,2-Dichloropropane	9.486	63	36522	21.026	ug/l	96
46) Dibromomethane	9.575	93	27666	21.068	ug/l	97
47) Bromodichloromethane	9.757	83	60043	21.939	ug/l	96
48) Methyl methacrylate	9.551	41	43200	21.230	ug/l	88
49) 1,4-Dioxane	9.569	88	8957	505.621	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	257554	91.332	ug/l	93
52) Toluene	10.498	92	93023	20.303	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	59758	20.335	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	60891	20.988	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	38796	19.484	ug/l	95
56) Ethyl methacrylate	10.757	69	57857	19.404	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	65689	19.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	58297	80.083	ug/l	95
59) 2-Hexanone	11.080	43	181154	92.423	ug/l	90
60) Dibromochloromethane	11.233	129	46464	20.423	ug/l	98
61) 1,2-Dibromoethane	11.339	107	40430	19.579	ug/l	98
64) Tetrachloroethene	10.974	164	37988	22.168	ug/l	95
65) Chlorobenzene	11.763	112	102923	20.340	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	41710	20.528	ug/l	96
67) Ethyl Benzene	11.839	91	177681	20.286	ug/l	99
68) m/p-Xylenes	11.945	106	137292	40.715	ug/l	91
69) o-Xylene	12.280	106	69468	20.223	ug/l	94
70) Styrene	12.292	104	109776	20.756	ug/l	95
71) Bromoform	12.451	173	34540	22.090	ug/l #	97
73) Isopropylbenzene	12.574	105	180394	20.317	ug/l	97
74) N-amyl acetate	12.386	43	54052	18.276	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	56266	20.919	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	53108m	16.370	ug/l	
77) Bromobenzene	12.857	156	43468	19.112	ug/l	98
78) n-propylbenzene	12.915	91	193314	19.907	ug/l	98
79) 2-Chlorotoluene	13.004	91	128663	19.778	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	157420	20.444	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	15104	19.409	ug/l #	86
82) 4-Chlorotoluene	13.098	91	122632	20.237	ug/l	95
83) tert-Butylbenzene	13.315	119	138260	21.140	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	154175	20.873	ug/l	92
85) sec-Butylbenzene	13.498	105	171995	20.250	ug/l	99
86) p-Isopropyltoluene	13.610	119	147475	21.114	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	74516	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	70671	19.504	ug/l	95
89) n-Butylbenzene	13.939	91	102335	19.355	ug/l	99
90) Hexachloroethane	14.204	117	23799	19.045	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	72823	19.491	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	11582	20.353	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	29798	18.252	ug/l	99
94) Hexachlorobutadiene	15.362	225	20546	20.038	ug/l	97
95) Naphthalene	15.504	128	82040	17.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	31259	18.563	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051922\
Data File : VN072553.D
Acq On : 19 May 2022 14:25
Operator : JC\MD
Sample : VN0519WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2022
Supervised By :Mahesh Dadoda 05/20/2022

Quant Time: May 20 06:52:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
Quant Title : SW846 8260
QLast Update : Thu May 19 02:22:47 2022
Response via : Initial Calibration

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

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

