

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077755.D
 Acq On : 19 May 2023 11:30
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Quant Time: May 19 23:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	400578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	714369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	614167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288251	48.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.180%		
35) Dibromofluoromethane	8.177	113	238526	51.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.400%		
50) Toluene-d8	10.576	98	900690	50.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.460%		
62) 4-Bromofluorobenzene	12.859	95	303920	47.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	82426	18.080	ug/l	96
3) Chloromethane	2.365	50	85041	16.390	ug/l	96
4) Vinyl Chloride	2.524	62	97693	16.997	ug/l	98
5) Bromomethane	2.971	94	74256	17.468	ug/l	98
6) Chloroethane	3.136	64	68424	16.519	ug/l	92
7) Trichlorofluoromethane	3.512	101	153200	19.126	ug/l	98
8) Diethyl Ether	3.977	74	53247	18.209	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	83023	18.729	ug/l	97
10) Methyl Iodide	4.600	142	101373	19.175	ug/l	98
11) Tert butyl alcohol	5.530	59	67498	81.600	ug/l	99
12) 1,1-Dichloroethene	4.359	96	78266	18.576	ug/l	98
13) Acrolein	4.189	56	49094	75.326	ug/l	96
14) Allyl chloride	5.036	41	115529	18.666	ug/l	95
15) Acrylonitrile	5.730	53	187164	84.693	ug/l	99
16) Acetone	4.442	43	155188	82.298	ug/l	95
17) Carbon Disulfide	4.724	76	178378	15.713	ug/l	95
18) Methyl Acetate	5.036	43	137625	17.397	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	279781	18.346	ug/l	93
20) Methylene Chloride	5.283	84	94192	17.924	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	86618	18.302	ug/l	93
22) Diisopropyl ether	6.683	45	256169	17.658	ug/l #	92
23) Vinyl Acetate	6.612	43	744790	82.860	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	164236	18.479	ug/l	96
25) 2-Butanone	7.494	43	242625	82.252	ug/l #	86
26) 2,2-Dichloropropane	7.506	77	138881	18.393	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	103550	18.248	ug/l	91
28) Bromochloromethane	7.824	49	67849	17.651	ug/l	90
29) Tetrahydrofuran	7.853	42	157378	81.480	ug/l #	84
30) Chloroform	7.977	83	177099	18.114	ug/l	94
31) Cyclohexane	8.265	56	142520	17.495	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	158358	19.051	ug/l	95
36) 1,1-Dichloropropene	8.382	75	127643	18.734	ug/l	99
37) Ethyl Acetate	7.571	43	100183	16.497	ug/l	95
38) Carbon Tetrachloride	8.371	117	136097	19.781	ug/l	98
39) Methylcyclohexane	9.606	83	152990	18.341	ug/l	90
40) Benzene	8.618	78	386643	19.230	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077755.D
 Acq On : 19 May 2023 11:30
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Quant Time: May 19 23:53:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58242	18.008	ug/l	90
42) 1,2-Dichloroethane	8.677	62	138030	18.898	ug/l	98
43) Isopropyl Acetate	8.694	43	178618	18.007	ug/l	95
44) Trichloroethene	9.359	130	101845	20.004	ug/l	95
45) 1,2-Dichloropropane	9.629	63	100898	19.674	ug/l	94
46) Dibromomethane	9.712	93	66123	18.018	ug/l	91
47) Bromodichloromethane	9.894	83	140858	20.048	ug/l	99
48) Methyl methacrylate	9.688	41	81906	17.416	ug/l	87
49) 1,4-Dioxane	9.706	88	30503	343.395	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	516743	87.639	ug/l	93
52) Toluene	10.635	92	242041	19.337	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	136075	18.289	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	152178	18.560	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	98106	19.739	ug/l	97
56) Ethyl methacrylate	10.882	69	134629	17.915	ug/l	91
57) 1,3-Dichloropropane	11.171	76	161940	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	326088	88.204	ug/l	92
59) 2-Hexanone	11.200	43	363146	83.267	ug/l	91
60) Dibromochloromethane	11.365	129	98850	19.266	ug/l	95
61) 1,2-Dibromoethane	11.476	107	91696	18.494	ug/l	99
64) Tetrachloroethene	11.112	164	96469	22.461	ug/l	96
65) Chlorobenzene	11.900	112	260166	19.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	97588	21.183	ug/l	98
67) Ethyl Benzene	11.970	91	463349	19.419	ug/l	97
68) m/p-Xylenes	12.076	106	355657	39.339	ug/l	97
69) o-Xylene	12.406	106	178315	20.055	ug/l	99
70) Styrene	12.418	104	276522	19.578	ug/l	98
71) Bromoform	12.588	173	59399	19.382	ug/l #	100
73) Isopropylbenzene	12.706	105	455018	19.962	ug/l	98
74) N-amyl acetate	12.500	43	133954	15.899	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	126629	18.058	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	111755m	16.876	ug/l	
77) Bromobenzene	12.988	156	98821	18.998	ug/l	99
78) n-propylbenzene	13.041	91	525761	19.565	ug/l	100
79) 2-Chlorotoluene	13.129	91	314247	19.597	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	387576	20.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	40222	19.415	ug/l #	95
82) 4-Chlorotoluene	13.229	91	301565	18.902	ug/l	99
83) tert-Butylbenzene	13.447	119	339202	20.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	383349	20.347	ug/l	97
85) sec-Butylbenzene	13.623	105	477326	20.083	ug/l	100
86) p-Isopropyltoluene	13.735	119	384745	20.305	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	182356	18.956	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	181540	19.018	ug/l	99
89) n-Butylbenzene	14.064	91	333231	19.120	ug/l	98
90) Hexachloroethane	14.341	117	62843	20.188	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	184676	20.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24606	18.125	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	86480	16.467	ug/l	99
94) Hexachlorobutadiene	15.511	225	43317	19.866	ug/l	97
95) Naphthalene	15.647	128	251000	13.885	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88316	17.176	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
Data File : VN077755.D
Acq On : 19 May 2023 11:30
Operator : JC\MD
Sample : VN0519WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

Quant Time: May 19 23:53:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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

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

