

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077309.D
 Acq On : 12 Apr 2023 11:42
 Operator : JC\MD
 Sample : VN0412WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

Quant Time: Apr 13 01:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	493841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	943664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	859370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288571	42.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.500%
35) Dibromofluoromethane	8.172	113	256825	42.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.020%
50) Toluene-d8	10.571	98	1047996	43.093	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.180%
62) 4-Bromofluorobenzene	12.854	95	339150	41.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	112557	17.857	ug/l	99
3) Chloromethane	2.372	50	125695	16.092	ug/l	98
4) Vinyl Chloride	2.525	62	179655	16.964	ug/l	95
5) Bromomethane	2.960	94	135277	17.619	ug/l	98
6) Chloroethane	3.125	64	124464	16.468	ug/l	94
7) Trichlorofluoromethane	3.507	101	180406	19.646	ug/l	91
8) Diethyl Ether	3.972	74	69236	17.992	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	108170	19.248	ug/l	98
10) Methyl Iodide	4.601	142	129894	19.005	ug/l	99
11) Tert butyl alcohol	5.531	59	112907	81.981	ug/l	100
12) 1,1-Dichloroethene	4.348	96	105254	18.194	ug/l	96
13) Acrolein	4.190	56	115153	88.282	ug/l	97
14) Allyl chloride	5.037	41	138102	15.806	ug/l	93
15) Acrylonitrile	5.737	53	262543	86.228	ug/l	98
16) Acetone	4.442	43	224958	90.397	ug/l	96
17) Carbon Disulfide	4.719	76	276429	17.720	ug/l	98
18) Methyl Acetate	5.037	43	159393	16.817	ug/l	94
19) Methyl tert-butyl Ether	5.807	73	376767	18.355	ug/l	97
20) Methylene Chloride	5.289	84	125309	17.830	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	117926	18.618	ug/l	94
22) Diisopropyl ether	6.684	45	317371	18.118	ug/l	96
23) Vinyl Acetate	6.613	43	1038410	87.674	ug/l	96
24) 1,1-Dichloroethane	6.578	63	206969	18.297	ug/l	99
25) 2-Butanone	7.489	43	346441	85.777	ug/l	99
26) 2,2-Dichloropropane	7.495	77	203398	19.610	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	146045	18.881	ug/l	96
28) Bromochloromethane	7.819	49	89542	19.679	ug/l	99
29) Tetrahydrofuran	7.848	42	213188	82.113	ug/l	97
30) Chloroform	7.972	83	223212	18.505	ug/l	99
31) Cyclohexane	8.266	56	186911	17.822	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	207465	18.911	ug/l	91
36) 1,1-Dichloropropene	8.378	75	169073	18.923	ug/l	99
37) Ethyl Acetate	7.566	43	138294	17.300	ug/l	97
38) Carbon Tetrachloride	8.372	117	182435	19.930	ug/l	94
39) Methylcyclohexane	9.607	83	226091	18.766	ug/l	99
40) Benzene	8.613	78	522033	18.732	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
 Data File : VN077309.D
 Acq On : 12 Apr 2023 11:42
 Operator : JC\MD
 Sample : VN0412WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBS01

Quant Time: Apr 13 01:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	70366	16.376	ug/l	95
42) 1,2-Dichloroethane	8.677	62	165630	19.311	ug/l	100
43) Isopropyl Acetate	8.695	43	250481	16.981	ug/l	98
44) Trichloroethene	9.360	130	128442	19.262	ug/l	97
45) 1,2-Dichloropropane	9.630	63	129051	19.498	ug/l	93
46) Dibromomethane	9.713	93	93301	18.710	ug/l	100
47) Bromodichloromethane	9.895	83	185555	18.616	ug/l	98
48) Methyl methacrylate	9.683	41	106975	17.000	ug/l	95
49) 1,4-Dioxane	9.695	88	50087	328.310	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	743177	87.163	ug/l	99
52) Toluene	10.636	92	350867	19.235	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	204660	18.909	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	222157	19.270	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	134490	18.782	ug/l	99
56) Ethyl methacrylate	10.877	69	207030	18.563	ug/l	99
57) 1,3-Dichloropropane	11.166	76	224157	18.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	256152	77.154	ug/l	100
59) 2-Hexanone	11.201	43	549382	86.488	ug/l	99
60) Dibromochloromethane	11.360	129	142237	19.287	ug/l	98
61) 1,2-Dibromoethane	11.471	107	136667	19.122	ug/l	100
64) Tetrachloroethene	11.107	164	100549	18.940	ug/l	94
65) Chlorobenzene	11.895	112	365337	19.310	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	132983	18.576	ug/l	97
67) Ethyl Benzene	11.966	91	662699	18.981	ug/l	99
68) m/p-Xylenes	12.077	106	511918	37.317	ug/l	98
69) o-Xylene	12.401	106	256090	18.923	ug/l	97
70) Styrene	12.413	104	409862	18.820	ug/l	99
71) Bromoform	12.583	173	92490	18.354	ug/l #	99
73) Isopropylbenzene	12.701	105	657880	19.179	ug/l	100
74) N-amyl acetate	12.495	43	219164	16.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	199886	18.568	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	148025m	17.602	ug/l	
77) Bromobenzene	12.983	156	134882	19.339	ug/l	96
78) n-propylbenzene	13.042	91	740456	19.537	ug/l	100
79) 2-Chlorotoluene	13.130	91	440592	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	537614	19.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	73311	19.617	ug/l	90
82) 4-Chlorotoluene	13.224	91	416205	19.343	ug/l	100
83) tert-Butylbenzene	13.442	119	468053	19.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	524895	19.393	ug/l	99
85) sec-Butylbenzene	13.618	105	666364	19.607	ug/l	99
86) p-Isopropyltoluene	13.730	119	530186	19.850	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	243209	18.848	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	244242	19.194	ug/l	99
89) n-Butylbenzene	14.060	91	424672	19.152	ug/l	99
90) Hexachloroethane	14.336	117	113065	19.360	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	245096	18.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	35941	17.617	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	77451	16.621	ug/l	98
94) Hexachlorobutadiene	15.465	225	49953	18.519	ug/l	98
95) Naphthalene	15.589	128	284906	16.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	71519	16.046	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041223\
Data File : VN077309.D
Acq On : 12 Apr 2023 11:42
Operator : JC\MD
Sample : VN0412WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBS01

Quant Time: Apr 13 01:11:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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

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

