

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076556.D
 Acq On : 07 Feb 2023 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 01:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:16:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	625997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1040644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	945608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	460382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	363936	49.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	8.171	113	325786	50.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	10.570	98	1255152	51.575	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.853	95	454624	53.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	330947	45.971	ug/l	98
3) Chloromethane	2.377	50	291941	48.846	ug/l	99
4) Vinyl Chloride	2.530	62	274042	49.935	ug/l	96
5) Bromomethane	2.953	94	181815	44.654	ug/l	97
6) Chloroethane	3.130	64	167888	50.576	ug/l	100
7) Trichlorofluoromethane	3.512	101	530819	49.073	ug/l	98
8) Diethyl Ether	3.977	74	198982	48.580	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	302551	45.150	ug/l	99
10) Methyl Iodide	4.600	142	460492	46.983	ug/l	99
11) Tert butyl alcohol	5.536	59	207685	215.803	ug/l	98
12) 1,1-Dichloroethene	4.359	96	290434	46.394	ug/l	99
13) Acrolein	4.194	56	312783	243.287	ug/l	100
14) Allyl chloride	5.041	41	368809	45.236	ug/l	99
15) Acrylonitrile	5.730	53	637185	220.637	ug/l	99
16) Acetone	4.441	43	580142	238.158	ug/l	99
17) Carbon Disulfide	4.730	76	768595	47.393	ug/l	97
18) Methyl Acetate	5.036	43	353815	45.906	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	978211	46.985	ug/l	100
20) Methylene Chloride	5.289	84	327927	43.669	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	312893	45.985	ug/l	98
22) Diisopropyl ether	6.683	45	879655	47.605	ug/l	99
23) Vinyl Acetate	6.612	43	2827407	242.139	ug/l	98
24) 1,1-Dichloroethane	6.577	63	542544	45.724	ug/l	100
25) 2-Butanone	7.488	43	809737	231.256	ug/l	100
26) 2,2-Dichloropropane	7.500	77	467616	47.211	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	369321	46.414	ug/l	100
28) Bromochloromethane	7.818	49	241380	50.771	ug/l	98
29) Tetrahydrofuran	7.841	42	501062	222.657	ug/l	99
30) Chloroform	7.971	83	595888	46.294	ug/l	98
31) Cyclohexane	8.265	56	509579	43.636	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	539590	46.782	ug/l	97
36) 1,1-Dichloropropene	8.377	75	442805	47.942	ug/l	99
37) Ethyl Acetate	7.571	43	320203	46.274	ug/l	99
38) Carbon Tetrachloride	8.365	117	476945	48.028	ug/l	100
39) Methylcyclohexane	9.606	83	572936	49.949	ug/l	99
40) Benzene	8.612	78	1324282	47.299	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076556.D
 Acq On : 07 Feb 2023 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 01:19:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:16:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	184874	47.185	ug/l	99
42) 1,2-Dichloroethane	8.677	62	428675	47.026	ug/l	99
43) Isopropyl Acetate	8.694	43	550203	47.783	ug/l	99
44) Trichloroethene	9.353	130	352582	47.158	ug/l	99
45) 1,2-Dichloropropane	9.624	63	322335	47.935	ug/l	100
46) Dibromomethane	9.712	93	226630	46.720	ug/l	98
47) Bromodichloromethane	9.888	83	470255	48.209	ug/l	98
48) Methyl methacrylate	9.682	41	265166	46.826	ug/l	99
49) 1,4-Dioxane	9.700	88	111143	917.495	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	1606159	232.095	ug/l	100
52) Toluene	10.629	92	873635	48.351	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	489059	51.889	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	541525	50.385	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	328742	46.453	ug/l	99
56) Ethyl methacrylate	10.876	69	482239	50.915	ug/l	100
57) 1,3-Dichloropropane	11.165	76	551755	48.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	720890	226.234	ug/l	100
59) 2-Hexanone	11.194	43	1165009	236.138	ug/l	100
60) Dibromochloromethane	11.359	129	365872	49.057	ug/l	100
61) 1,2-Dibromoethane	11.470	107	337574	48.190	ug/l	99
64) Tetrachloroethene	11.106	164	346194	43.967	ug/l	96
65) Chlorobenzene	11.894	112	922397	47.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	345766	47.747	ug/l	99
67) Ethyl Benzene	11.965	91	1691632	48.676	ug/l	100
68) m/p-Xylenes	12.070	106	1321132	97.571	ug/l	100
69) o-Xylene	12.400	106	653015	49.250	ug/l	100
70) Styrene	12.412	104	1079411	51.186	ug/l	100
71) Bromoform	12.582	173	259384	51.314	ug/l	97
73) Isopropylbenzene	12.694	105	1712941	45.431	ug/l	100
74) N-amyl acetate	12.494	43	485505	46.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	444881	43.048	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	552288	66.286	ug/l	75
77) Bromobenzene	12.982	156	390216	44.494	ug/l	97
78) n-propylbenzene	13.035	91	1967651	47.394	ug/l	99
79) 2-Chlorotoluene	13.129	91	1169795	44.232	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1466599	46.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	135943	47.259	ug/l	93
82) 4-Chlorotoluene	13.129	91	1169795	44.232	ug/l	100
83) tert-Butylbenzene	13.441	119	1260883	44.986	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1468241	47.147	ug/l	100
85) sec-Butylbenzene	13.617	105	1810309	47.896	ug/l	100
86) p-Isopropyltoluene	13.729	119	1544145	49.853	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	741562	45.941	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	734538	44.798	ug/l	99
89) n-Butylbenzene	14.059	91	1283748	52.340	ug/l	100
90) Hexachloroethane	14.335	117	262953	48.738	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	721919	45.363	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77914	43.561	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	365682	50.147	ug/l	100
94) Hexachlorobutadiene	15.505	225	190376	46.428	ug/l	99
95) Naphthalene	15.641	128	1034803	46.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	348162	49.855	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
Data File : VN076556.D
Acq On : 07 Feb 2023 10:24
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Feb 08 01:19:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:16:19 2023
Response via : Initial Calibration

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

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

