

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074848.D
 Acq On : 11 Oct 2022 15:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 12 03:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	303563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	518195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	580471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	381194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	346754	48.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.420%
35) Dibromofluoromethane	8.177	113	280852	53.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.280%
50) Toluene-d8	10.571	98	1158279	51.558	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.853	95	368006	53.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	264071	42.418	ug/l	97
3) Chloromethane	2.377	50	359031	38.780	ug/l	99
4) Vinyl Chloride	2.530	62	533529	46.544	ug/l	92
5) Bromomethane	2.936	94	413906	51.206	ug/l	99
6) Chloroethane	3.118	64	419232	49.430	ug/l	96
7) Trichlorofluoromethane	3.506	101	422186	46.731	ug/l	98
8) Diethyl Ether	3.983	74	189299	40.166	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	247845	44.781	ug/l	96
10) Methyl Iodide	4.618	142	301895	45.108	ug/l	98
11) Tert butyl alcohol	5.553	59	425606	176.675	ug/l	98
12) 1,1-Dichloroethene	4.359	96	238860	40.543	ug/l	98
13) Acrolein	4.200	56	116701	204.333	ug/l	99
14) Allyl chloride	5.047	41	435139	35.937	ug/l #	84
15) Acrylonitrile	5.747	53	1051927	200.206	ug/l	96
16) Acetone	4.453	43	834855	204.817	ug/l	99
17) Carbon Disulfide	4.730	76	612079	38.018	ug/l	99
18) Methyl Acetate	5.047	43	630977	41.811	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	1013993	44.239	ug/l	97
20) Methylene Chloride	5.289	84	318407	49.055	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	269482	42.761	ug/l	85
22) Diisopropyl ether	6.688	45	1149652	44.704	ug/l	96
23) Vinyl Acetate	6.624	43	4838354	229.036	ug/l	97
24) 1,1-Dichloroethane	6.588	63	601505	45.365	ug/l	95
25) 2-Butanone	7.494	43	1528547	206.629	ug/l	95
26) 2,2-Dichloropropane	7.500	77	457912	41.872	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	340636	45.405	ug/l	97
28) Bromochloromethane	7.824	49	292515	48.895	ug/l	97
29) Tetrahydrofuran	7.847	42	1048249	203.316	ug/l	99
30) Chloroform	7.977	83	585234	48.189	ug/l	91
31) Cyclohexane	8.265	56	515537	41.470	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	500860	48.385	ug/l	98
36) 1,1-Dichloropropene	8.382	75	422365	49.841	ug/l	98
37) Ethyl Acetate	7.494	43	1528547	44.969	ug/l #	47
38) Carbon Tetrachloride	8.371	117	409431	51.233	ug/l	93
39) Methylcyclohexane	9.606	83	523681	47.703	ug/l	91
40) Benzene	8.612	78	1359195	49.544	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	319709	47.744	ug/l	96
42) 1,2-Dichloroethane	8.677	62	446595	51.861	ug/l	99
43) Isopropyl Acetate	8.694	43	976399	46.482	ug/l	98
44) Trichloroethene	9.359	130	283686	49.650	ug/l	100
45) 1,2-Dichloropropane	9.629	63	360181	48.488	ug/l	98
46) Dibromomethane	9.712	93	232198	53.270	ug/l	96
47) Bromodichloromethane	9.894	83	464763	52.188	ug/l	99
48) Methyl methacrylate	9.612	41	461934	53.564	ug/l #	98
49) 1,4-Dioxane	9.700	88	161860	865.965	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	3247388	240.070	ug/l	99
52) Toluene	10.635	92	840698	51.011	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	523264	49.314	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	551488	48.140	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	338402	51.066	ug/l	99
56) Ethyl methacrylate	10.876	69	581202	48.156	ug/l	97
57) 1,3-Dichloropropane	11.165	76	605187	50.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1056411	242.676	ug/l	98
59) 2-Hexanone	11.200	43	2448826	239.340	ug/l	97
60) Dibromochloromethane	11.365	129	353697	54.182	ug/l	97
61) 1,2-Dibromoethane	11.476	107	346970	51.492	ug/l	98
64) Tetrachloroethene	11.106	164	229838	48.775	ug/l	94
65) Chlorobenzene	11.894	112	870970	48.978	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	329170	50.695	ug/l	95
67) Ethyl Benzene	11.965	91	1676872	50.590	ug/l	98
68) m/p-Xylenes	12.076	106	1270243	102.087	ug/l	98
69) o-Xylene	12.400	106	633174	49.600	ug/l	99
70) Styrene	12.412	104	1041108	51.733	ug/l	99
71) Bromoform	12.582	173	257996	52.089	ug/l	96
73) Isopropylbenzene	12.700	105	1653645	45.081	ug/l	98
74) N-amyl acetate	12.494	43	890460	40.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	596199	50.138	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	510614m	44.879	ug/l	
77) Bromobenzene	12.982	156	348060	52.998	ug/l	92
78) n-propylbenzene	13.041	91	1993649	47.176	ug/l	99
79) 2-Chlorotoluene	13.129	91	1122639	43.809	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1404491	48.008	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	228623	39.151	ug/l	94
82) 4-Chlorotoluene	13.223	91	1114772	46.936	ug/l	99
83) tert-Butylbenzene	13.441	119	1189366	47.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1420111	48.007	ug/l	100
85) sec-Butylbenzene	13.617	105	1799210	48.975	ug/l	99
86) p-Isopropyltoluene	13.729	119	1455981	51.357	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	692159	47.578	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	678621	49.386	ug/l	99
89) n-Butylbenzene	14.059	91	1263577	50.567	ug/l	99
90) Hexachloroethane	14.335	117	271112	42.770	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	694242	49.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	112666	37.056	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	317231	51.765	ug/l	97
94) Hexachlorobutadiene	15.506	225	147737	51.534	ug/l	99
95) Naphthalene	15.641	128	1245041	46.993	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	319338	52.776	ug/l	98

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

