

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077430.D
 Acq On : 24 Apr 2023 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 02:02:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	584425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1080560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1007829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.789	152	445297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	417392	54.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	8.172	113	365303	56.403	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.800%	
50) Toluene-d8	10.566	98	1386234	55.969	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.848	95	506223	62.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 124.720%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	473678	63.409	ug/l	99
3) Chloromethane	2.372	50	344968	58.886	ug/l	99
4) Vinyl Chloride	2.525	62	473595	60.686	ug/l	100
5) Bromomethane	2.943	94	377999	51.162	ug/l	99
6) Chloroethane	3.119	64	342963	57.845	ug/l	98
7) Trichlorofluoromethane	3.501	101	684902	59.710	ug/l	96
8) Diethyl Ether	3.966	74	252998	60.698	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	404706	60.667	ug/l	99
10) Methyl Iodide	4.595	142	519411	63.882	ug/l	95
11) Tert butyl alcohol	5.531	59	296742	263.603	ug/l	98
12) 1,1-Dichloroethene	4.348	96	383010	58.415	ug/l	94
13) Acrolein	4.184	56	310561	257.407	ug/l	95
14) Allyl chloride	5.031	41	458777	63.270	ug/l	96
15) Acrylonitrile	5.725	53	786738	283.276	ug/l	100
16) Acetone	4.431	43	697011	287.290	ug/l	95
17) Carbon Disulfide	4.719	76	1031008	62.212	ug/l	99
18) Methyl Acetate	5.031	43	512429	54.693	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1308795	60.341	ug/l	99
20) Methylene Chloride	5.284	84	436671	56.754	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	429457	60.895	ug/l	96
22) Diisopropyl ether	6.678	45	1007963	60.568	ug/l	97
23) Vinyl Acetate	6.607	43	3142542	302.368	ug/l	98
24) 1,1-Dichloroethane	6.578	63	713688	60.585	ug/l	99
25) 2-Butanone	7.483	43	956372	277.925	ug/l	94
26) 2,2-Dichloropropane	7.495	77	715425	62.634	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	501103	59.995	ug/l	100
28) Bromochloromethane	7.813	49	263229	58.515	ug/l	99
29) Tetrahydrofuran	7.842	42	590511	273.887	ug/l	99
30) Chloroform	7.972	83	796227	59.976	ug/l	97
31) Cyclohexane	8.260	56	615338	48.345	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	755277	61.881	ug/l	100
36) 1,1-Dichloropropene	8.372	75	596058	63.526	ug/l	99
37) Ethyl Acetate	7.566	43	390636	54.788	ug/l	100
38) Carbon Tetrachloride	8.366	117	653505	63.126	ug/l	98
39) Methylcyclohexane	9.607	83	807542	65.324	ug/l	96
40) Benzene	8.607	78	1756730	61.459	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	204346	55.028	ug/l	93
42) 1,2-Dichloroethane	8.672	62	597846	60.896	ug/l	100
43) Isopropyl Acetate	8.689	43	734913	59.581	ug/l	100
44) Trichloroethene	9.354	130	458580	62.659	ug/l	97
45) 1,2-Dichloropropane	9.624	63	413826	61.805	ug/l	95
46) Dibromomethane	9.713	93	322322	59.327	ug/l	98
47) Bromodichloromethane	9.889	83	649569	61.810	ug/l	94
48) Methyl methacrylate	9.683	41	327486	58.327	ug/l	98
49) 1,4-Dioxane	9.701	88	141520	1004.866	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2053492	283.832	ug/l	100
52) Toluene	10.630	92	1202788	64.233	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	711659	66.877	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	762726	65.849	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	468696	62.244	ug/l	98
56) Ethyl methacrylate	10.877	69	661022	62.649	ug/l	99
57) 1,3-Dichloropropane	11.166	76	749071	62.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	970379	271.906	ug/l	100
59) 2-Hexanone	11.195	43	1527661	290.487	ug/l	99
60) Dibromochloromethane	11.360	129	505377	64.669	ug/l	100
61) 1,2-Dibromoethane	11.471	107	468813	60.983	ug/l	98
64) Tetrachloroethene	11.107	164	360752	59.797	ug/l	98
65) Chlorobenzene	11.895	112	1282648	60.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	461458	59.473	ug/l	98
67) Ethyl Benzene	11.966	91	2316772	61.710	ug/l	99
68) m/p-Xylenes	12.071	106	1809681	124.026	ug/l	99
69) o-Xylene	12.401	106	878386	61.203	ug/l	97
70) Styrene	12.413	104	1450781	64.638	ug/l	99
71) Bromoform	12.577	173	319025	62.846	ug/l #	99
73) Isopropylbenzene	12.695	105	2342463	56.689	ug/l	100
74) N-amyl acetate	12.495	43	650613	53.183	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	640572	49.338	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	804031	75.989	ug/l	72
77) Bromobenzene	12.983	156	478030	53.081	ug/l	98
78) n-propylbenzene	13.036	91	2680919	58.677	ug/l	99
79) 2-Chlorotoluene	13.124	91	1570853	55.764	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1959167	63.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	214901	60.289	ug/l	98
82) 4-Chlorotoluene	13.224	91	1547440	58.787	ug/l	100
83) tert-Butylbenzene	13.442	119	1666361	55.917	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1922659	67.088	ug/l	100
85) sec-Butylbenzene	13.618	105	2454810	60.014	ug/l	100
86) p-Isopropyltoluene	13.730	119	1990292	63.240	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	929174	58.015	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	918790	58.148	ug/l	99
89) n-Butylbenzene	14.060	91	1739361	71.414	ug/l	99
90) Hexachloroethane	14.336	117	399902	57.515	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	903612	56.884	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	121397	50.563	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	335436	60.582	ug/l	99
94) Hexachlorobutadiene	15.465	225	196069	61.081	ug/l	97
95) Naphthalene	15.589	128	1233921	58.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	301216	58.844	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

