

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071527.D
 Acq On : 24 Mar 2022 18:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 25 09:36:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	644982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1002899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	927600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	392564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	384502	51.997	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.000%	
35) Dibromofluoromethane	8.016	113	313984	52.921	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.840%	
50) Toluene-d8	10.439	98	1228723	51.566	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.140%	
62) 4-Bromofluorobenzene	12.727	95	430637	51.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	249533	37.344	ug/l	98
3) Chloromethane	2.299	50	304904	36.464	ug/l	97
4) Vinyl Chloride	2.440	62	362769	42.504	ug/l	100
5) Bromomethane	2.828	94	231865	47.438	ug/l	97
6) Chloroethane	2.999	64	253128	45.090	ug/l	98
7) Trichlorofluoromethane	3.369	101	459886	43.579	ug/l	99
8) Diethyl Ether	3.822	74	205886	45.139	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.204	101	290910	45.149	ug/l	99
10) Methyl Iodide	4.422	142	404957	45.328	ug/l	100
11) Tert butyl alcohol	5.363	59	317693	233.316	ug/l	99
12) 1,1-Dichloroethene	4.175	96	269307	42.656	ug/l	97
13) Acrolein	4.034	56	256195	213.080	ug/l	98
14) Allyl chloride	4.834	41	456636	38.924	ug/l	99
15) Acrylonitrile	5.545	53	951308	240.130	ug/l	99
16) Acetone	4.281	43	975394	247.647	ug/l	98
17) Carbon Disulfide	4.528	76	576889	32.392	ug/l	99
18) Methyl Acetate	4.846	43	414150	42.405	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1081760	49.174	ug/l	99
20) Methylene Chloride	5.093	84	340761	46.231	ug/l	98
21) trans-1,2-Dichloroethene	5.593	96	297884	44.134	ug/l	98
22) Diisopropyl ether	6.487	45	1026726	45.356	ug/l	99
23) Vinyl Acetate	6.428	43	4371478	227.726	ug/l	99
24) 1,1-Dichloroethane	6.381	63	593595	46.181	ug/l	99
25) 2-Butanone	7.328	43	1322116	247.174	ug/l	98
26) 2,2-Dichloropropane	7.322	77	518107	48.513	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	385560	49.475	ug/l	99
28) Bromochloromethane	7.651	49	245371	47.395	ug/l	100
29) Tetrahydrofuran	7.681	42	790078	226.413	ug/l	100
30) Chloroform	7.816	83	616548	48.578	ug/l	98
31) Cyclohexane	8.092	56	484959	38.899	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	522005	47.704	ug/l	100
36) 1,1-Dichloropropene	8.216	75	435456	45.166	ug/l	100
37) Ethyl Acetate	7.410	43	485089	46.631	ug/l	99
38) Carbon Tetrachloride	8.204	117	430976	45.424	ug/l	97
39) Methylcyclohexane	9.457	83	536461	43.367	ug/l	99
40) Benzene	8.457	78	1362256	47.432	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	269969	50.883	ug/l	89
42) 1,2-Dichloroethane	8.528	62	488717	49.667	ug/l	100
43) Isopropyl Acetate	8.557	43	773721	47.569	ug/l	99
44) Trichloroethene	9.216	130	353140	46.750	ug/l	99
45) 1,2-Dichloropropane	9.486	63	350269	47.910	ug/l	100
46) Dibromomethane	9.575	93	238507	49.279	ug/l	99
47) Bromodichloromethane	9.757	83	482535	49.349	ug/l	100
48) Methyl methacrylate	9.557	41	345910	44.963	ug/l	95
49) 1,4-Dioxane	9.563	88	157426	1096.821	ug/l	95
51) 4-Methyl-2-Pentanone	10.328	43	2486725	248.679	ug/l	100
52) Toluene	10.498	92	897866	49.795	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	536580	50.709	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	579087	49.885	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	370865	52.357	ug/l	98
56) Ethyl methacrylate	10.757	69	575931	53.947	ug/l	100
57) 1,3-Dichloropropane	11.039	76	616226	50.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	567798	282.121	ug/l	99
59) 2-Hexanone	11.080	43	1840447	266.259	ug/l	100
60) Dibromochloromethane	11.233	129	382030	51.518	ug/l	100
61) 1,2-Dibromoethane	11.339	107	372272	51.597	ug/l	100
64) Tetrachloroethene	10.975	164	302085	42.645	ug/l	98
65) Chlorobenzene	11.769	112	981156	49.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	359449	49.818	ug/l	100
67) Ethyl Benzene	11.839	91	1730036	49.872	ug/l	99
68) m/p-Xylenes	11.951	106	1341673	100.320	ug/l	100
69) o-Xylene	12.274	106	668774	51.009	ug/l	98
70) Styrene	12.292	104	1089477	52.528	ug/l	99
71) Bromoform	12.451	173	291293	50.726	ug/l	100
73) Isopropylbenzene	12.574	105	1714115	53.553	ug/l	100
74) N-amyl acetate	12.386	43	552310	54.177	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	555272	53.998	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	674117	75.072	ug/l	50
77) Bromobenzene	12.857	156	413626	52.908	ug/l	99
78) n-propylbenzene	12.916	91	1900016	53.146	ug/l	100
79) 2-Chlorotoluene	13.004	91	1154712	53.009	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1374938	53.301	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	166517	56.722	ug/l	100
82) 4-Chlorotoluene	13.104	91	1093718	52.135	ug/l	99
83) tert-Butylbenzene	13.321	119	1248054	51.185	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	1348665	53.112	ug/l	100
85) sec-Butylbenzene	13.498	105	1706047	53.094	ug/l	100
86) p-Isopropyltoluene	13.610	119	1393008	53.043	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	697813	51.018	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	666833	49.724	ug/l	99
89) n-Butylbenzene	13.939	91	1049147	49.608	ug/l	100
90) Hexachloroethane	14.204	117	256024	54.232	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	671059	52.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	95405	56.877	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	320476	51.128	ug/l	99
94) Hexachlorobutadiene	15.368	225	194740	42.896	ug/l	98
95) Naphthalene	15.504	128	883967	64.410	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	316942	55.001	ug/l	100

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

