

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074043.D
 Acq On : 22 Aug 2022 13:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 13:25:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	506002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	753587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	685394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	364020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	234106	47.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.000%
35) Dibromofluoromethane	7.951	113	207990	46.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	10.380	98	795406	46.083	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.669	95	284314	49.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	206182	51.389	ug/l	98
3) Chloromethane	2.269	50	239383	53.653	ug/l	99
4) Vinyl Chloride	2.405	62	282127	49.256	ug/l	96
5) Bromomethane	2.804	94	176100	49.234	ug/l	100
6) Chloroethane	2.969	64	175185	43.294	ug/l	98
7) Trichlorofluoromethane	3.316	101	329745	44.628	ug/l	100
8) Diethyl Ether	3.763	74	126166	46.000	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	198220	46.182	ug/l	96
10) Methyl Iodide	4.351	142	207612	40.290	ug/l	99
11) Tert butyl alcohol	5.275	59	228166	206.969	ug/l	99
12) 1,1-Dichloroethene	4.116	96	189348	47.413	ug/l	93
13) Acrolein	3.981	56	145492	188.548	ug/l	100
14) Allyl chloride	4.763	41	295568	49.974	ug/l	97
15) Acrylonitrile	5.469	53	675077	250.822	ug/l	100
16) Acetone	4.216	43	534759	229.986	ug/l	97
17) Carbon Disulfide	4.457	76	533656	56.200	ug/l	100
18) Methyl Acetate	4.769	43	295646	50.922	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	635757	44.202	ug/l	100
20) Methylene Chloride	5.010	84	218426	44.518	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	210551	47.855	ug/l	99
22) Diisopropyl ether	6.410	45	625730	49.898	ug/l	97
23) Vinyl Acetate	6.345	43	2670528	248.506	ug/l	99
24) 1,1-Dichloroethane	6.304	63	369945	47.394	ug/l	99
25) 2-Butanone	7.257	43	888410	240.970	ug/l	99
26) 2,2-Dichloropropane	7.245	77	306599	41.807	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	247893	45.666	ug/l	95
28) Bromochloromethane	7.581	49	150179	52.165	ug/l	95
29) Tetrahydrofuran	7.604	42	593529	250.962	ug/l	99
30) Chloroform	7.745	83	386034	44.228	ug/l	100
31) Cyclohexane	8.022	56	345095	50.229	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	338154	43.688	ug/l	98
36) 1,1-Dichloropropene	8.151	75	298588	48.236	ug/l	100
37) Ethyl Acetate	7.334	43	357068	47.614	ug/l	99
38) Carbon Tetrachloride	8.134	117	309085	43.684	ug/l	99
39) Methylcyclohexane	9.392	83	382597	49.327	ug/l	99
40) Benzene	8.386	78	900568	46.095	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	160411	47.332	ug/l	99
42) 1,2-Dichloroethane	8.463	62	299076	44.521	ug/l	99
43) Isopropyl Acetate	8.492	43	499989	46.801	ug/l	99
44) Trichloroethene	9.151	130	242915	43.048	ug/l	99
45) 1,2-Dichloropropane	9.428	63	221583	47.318	ug/l	98
46) Dibromomethane	9.516	93	156056	43.833	ug/l	95
47) Bromodichloromethane	9.698	83	313837	46.120	ug/l	98
48) Methyl methacrylate	9.498	41	235646	51.550	ug/l	94
49) 1,4-Dioxane	9.504	88	105014	772.506	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	1726009	238.960	ug/l	99
52) Toluene	10.445	92	574719	42.900	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	339988	47.614	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	368642	47.185	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	228506	43.848	ug/l	99
56) Ethyl methacrylate	10.698	69	352388	47.411	ug/l	96
57) 1,3-Dichloropropane	10.986	76	386068	45.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	666047	192.004	ug/l	99
59) 2-Hexanone	11.027	43	1354098	243.592	ug/l	100
60) Dibromochloromethane	11.175	129	260835	45.261	ug/l	99
61) 1,2-Dibromoethane	11.286	107	244685	43.899	ug/l	98
64) Tetrachloroethene	10.916	164	218212	40.337	ug/l	95
65) Chlorobenzene	11.710	112	632869	43.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	237092	42.983	ug/l	99
67) Ethyl Benzene	11.786	91	1119712	46.222	ug/l	99
68) m/p-Xylenes	11.892	106	880743	89.483	ug/l	99
69) o-Xylene	12.222	106	424353	42.993	ug/l	98
70) Styrene	12.233	104	714544	46.241	ug/l	98
71) Bromoform	12.398	173	216889	44.041	ug/l	99
73) Isopropylbenzene	12.516	105	1090744	41.150	ug/l	99
74) N-amyl acetate	12.327	43	405614	40.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	358197	40.270	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	345663m	45.686	ug/l	
77) Bromobenzene	12.798	156	280945	39.157	ug/l	97
78) n-propylbenzene	12.857	91	1292736	45.752	ug/l	99
79) 2-Chlorotoluene	12.945	91	749365	42.559	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	925897	42.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	120963	45.471	ug/l	95
82) 4-Chlorotoluene	13.045	91	757104	45.272	ug/l	98
83) tert-Butylbenzene	13.263	119	816601	41.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	927194	43.065	ug/l	100
85) sec-Butylbenzene	13.439	105	1182297	45.972	ug/l	99
86) p-Isopropyltoluene	13.557	119	1010132	46.105	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	532255	42.777	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	534796	42.411	ug/l	98
89) n-Butylbenzene	13.880	91	874679	50.403	ug/l	99
90) Hexachloroethane	14.151	117	177183	44.243	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	515512	40.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	84915	40.432	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	355119	45.411	ug/l	99
94) Hexachlorobutadiene	15.298	225	184641	44.791	ug/l	99
95) Naphthalene	15.433	128	1089047	42.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	346350	42.849	ug/l	99

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

