

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074047.D
 Acq On : 22 Aug 2022 15:57
 Operator : JC\MD
 Sample : VN0822SBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822SBS01

Quant Time: Aug 22 17:11:14 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	772187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1169592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1065360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	558029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297139	39.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.020%
35) Dibromofluoromethane	7.951	113	266033	38.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	76.920%
50) Toluene-d8	10.380	98	1008266	37.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	75.280%#
62) 4-Bromofluorobenzene	12.674	95	353458	39.757	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.520%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.051	85	71727	11.715	ug/l	95
3) Chloromethane	2.269	50	90666	13.316	ug/l	99
4) Vinyl Chloride	2.404	62	100759	11.527	ug/l	97
5) Bromomethane	2.822	94	54171	9.924	ug/l	98
6) Chloroethane	2.975	64	63099	10.219	ug/l	97
7) Trichlorofluoromethane	3.316	101	126780	11.244	ug/l	99
8) Diethyl Ether	3.769	74	44129	10.543	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	69717	10.644	ug/l	95
10) Methyl Iodide	4.351	142	58894	7.489	ug/l	98
11) Tert butyl alcohol	5.292	59	80311	47.738	ug/l	100
12) 1,1-Dichloroethene	4.116	96	65329	10.720	ug/l	99
13) Acrolein	3.987	56	7780	6.607	ug/l	99
14) Allyl chloride	4.763	41	104952	11.628	ug/l	96
15) Acrylonitrile	5.475	53	247814	60.335	ug/l	98
16) Acetone	4.222	43	198373	55.906	ug/l	100
17) Carbon Disulfide	4.457	76	189012	13.044	ug/l	98
18) Methyl Acetate	4.781	43	105532	9.858	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	218545	9.957	ug/l	100
20) Methylene Chloride	5.016	84	91076	12.164	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	73817	10.994	ug/l	93
22) Diisopropyl ether	6.410	45	217304	11.355	ug/l	99
23) Vinyl Acetate	6.351	43	915395	55.818	ug/l	100
24) 1,1-Dichloroethane	6.304	63	133034	11.168	ug/l	98
25) 2-Butanone	7.263	43	320309	56.931	ug/l	99
26) 2,2-Dichloropropane	7.251	77	104244	9.315	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	88096	10.635	ug/l	94
28) Bromochloromethane	7.586	49	24335	5.539	ug/l	99
29) Tetrahydrofuran	7.610	42	213202	59.073	ug/l	99
30) Chloroform	7.745	83	137779	10.344	ug/l	100
31) Cyclohexane	8.022	56	130889	12.484	ug/l #	90
32) 1,1,1-Trichloroethane	7.945	97	117868	9.979	ug/l	99
36) 1,1-Dichloropropene	8.151	75	104733	10.901	ug/l	99
37) Ethyl Acetate	7.334	43	129930	11.163	ug/l	99
38) Carbon Tetrachloride	8.133	117	107623	9.801	ug/l	97
39) Methylcyclohexane	9.398	83	128325	10.660	ug/l	97
40) Benzene	8.392	78	321966	10.618	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	57236	10.882	ug/l	95
42) 1,2-Dichloroethane	8.463	62	105332	10.103	ug/l	98
43) Isopropyl Acetate	8.492	43	169451	10.220	ug/l	100
44) Trichloroethene	9.151	130	83707	9.558	ug/l	93
45) 1,2-Dichloropropane	9.427	63	78122	10.749	ug/l	97
46) Dibromomethane	9.516	93	57168	10.346	ug/l	97
47) Bromodichloromethane	9.698	83	110513	10.464	ug/l	96
48) Methyl methacrylate	9.498	41	73803	10.403	ug/l	91
49) 1,4-Dioxane	9.510	88	35636	168.905	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	610677	54.474	ug/l	100
52) Toluene	10.445	92	204278	9.825	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	112602	10.160	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	124112	10.236	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	82327	10.179	ug/l	98
56) Ethyl methacrylate	10.704	69	116701	10.116	ug/l	97
57) 1,3-Dichloropropane	10.986	76	138167	10.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	57258	10.635	ug/l	99
59) 2-Hexanone	11.027	43	471610	54.663	ug/l	100
60) Dibromochloromethane	11.180	129	89639	10.022	ug/l	98
61) 1,2-Dibromoethane	11.286	107	85500	9.883	ug/l	97
64) Tetrachloroethene	10.916	164	77259	9.188	ug/l	95
65) Chlorobenzene	11.710	112	224715	9.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	80878	9.433	ug/l	99
67) Ethyl Benzene	11.786	91	379345	10.075	ug/l	99
68) m/p-Xylenes	11.898	106	302108	19.747	ug/l	100
69) o-Xylene	12.221	106	144934	9.447	ug/l	96
70) Styrene	12.233	104	241907	10.071	ug/l	98
71) Bromoform	12.398	173	73606	9.616	ug/l #	98
73) Isopropylbenzene	12.521	105	368655	9.073	ug/l	99
74) N-amyl acetate	12.327	43	135725	8.836	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	129950	9.530	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	101973m	8.792	ug/l	
77) Bromobenzene	12.804	156	96925	8.812	ug/l	97
78) n-propylbenzene	12.863	91	441083	10.183	ug/l	99
79) 2-Chlorotoluene	12.945	91	259864	9.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	315027	9.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	38886	9.536	ug/l	98
82) 4-Chlorotoluene	13.045	91	262794	10.251	ug/l	98
83) tert-Butylbenzene	13.263	119	271838	8.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	316334	9.584	ug/l	100
85) sec-Butylbenzene	13.439	105	392830	9.964	ug/l	99
86) p-Isopropyltoluene	13.557	119	334682	9.965	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	183832	9.638	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	186830	9.665	ug/l	98
89) n-Butylbenzene	13.880	91	289601	10.886	ug/l	98
90) Hexachloroethane	14.151	117	60160	9.799	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	180150	9.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	29977	9.311	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	121110	10.103	ug/l	99
94) Hexachlorobutadiene	15.304	225	61965	9.806	ug/l	99
95) Naphthalene	15.433	128	361787	9.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	121178	9.780	ug/l	99

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

