

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071321.D
 Acq On : 16 Mar 2022 15:25
 Operator : JC\MD
 Sample : VN0316WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 05:18:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	636282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1038456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	949994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	386371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	438321	50.263	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.520%			
35) Dibromofluoromethane	8.016	113	330376	50.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.840%			
50) Toluene-d8	10.439	98	1296569	49.141	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.280%			
62) 4-Bromofluorobenzene	12.727	95	440252	49.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	118360	16.973	ug/l	98
3) Chloromethane	2.298	50	162947	17.383	ug/l	100
4) Vinyl Chloride	2.440	62	148411	17.366	ug/l	97
5) Bromomethane	2.845	94	91843	20.547	ug/l	98
6) Chloroethane	3.010	64	99542	19.234	ug/l	98
7) Trichlorofluoromethane	3.369	101	201596	17.922	ug/l	100
8) Diethyl Ether	3.828	74	92052	19.124	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	117963	18.116	ug/l	96
10) Methyl Iodide	4.422	142	155796	16.940	ug/l	99
11) Tert butyl alcohol	5.363	59	160279	93.560	ug/l	98
12) 1,1-Dichloroethene	4.181	96	112285	17.603	ug/l	93
13) Acrolein	4.040	56	94499	52.116	ug/l	99
14) Allyl chloride	4.840	41	242414	17.472	ug/l	89
15) Acrylonitrile	5.551	53	475663	93.510	ug/l	98
16) Acetone	4.287	43	389826	91.873	ug/l	96
17) Carbon Disulfide	4.534	76	267017	14.703	ug/l	97
18) Methyl Acetate	4.851	43	236207	21.003	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	490334	20.473	ug/l	96
20) Methylene Chloride	5.092	84	148369	19.368	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	122654	17.579	ug/l	91
22) Diisopropyl ether	6.492	45	530901	19.423	ug/l	93
23) Vinyl Acetate	6.428	43	2283928	98.701	ug/l	100
24) 1,1-Dichloroethane	6.386	63	268748	18.607	ug/l	99
25) 2-Butanone	7.328	43	644869	94.346	ug/l	98
26) 2,2-Dichloropropane	7.322	77	209203	18.775	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	156737	18.927	ug/l	91
28) Bromochloromethane	7.651	49	111737	17.373	ug/l	84
29) Tetrahydrofuran	7.680	42	441276	93.190	ug/l	92
30) Chloroform	7.816	83	262148	19.030	ug/l	97
31) Cyclohexane	8.092	56	249697	17.930	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	221603	18.885	ug/l	98
36) 1,1-Dichloropropene	8.222	75	191800	18.268	ug/l	96
37) Ethyl Acetate	7.404	43	259356	17.949	ug/l	99
38) Carbon Tetrachloride	8.204	117	184108	18.129	ug/l	98
39) Methylcyclohexane	9.457	83	228201	18.476	ug/l	95
40) Benzene	8.457	78	591718	18.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	135062	19.100	ug/l	87
42) 1,2-Dichloroethane	8.527	62	222691	20.230	ug/l	99
43) Isopropyl Acetate	8.557	43	444121	20.553	ug/l	94
44) Trichloroethene	9.216	130	140922	18.880	ug/l	99
45) 1,2-Dichloropropane	9.486	63	163301	19.230	ug/l	97
46) Dibromomethane	9.574	93	101679	19.454	ug/l	97
47) Bromodichloromethane	9.757	83	204387	19.350	ug/l	97
48) Methyl methacrylate	9.557	41	194176	19.391	ug/l #	83
49) 1,4-Dioxane	9.563	88	67956	390.419	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	1289279	96.142	ug/l	99
52) Toluene	10.504	92	370095	18.999	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	224131	19.249	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	246255	19.356	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	155490	19.920	ug/l	97
56) Ethyl methacrylate	10.757	69	251663	19.743	ug/l	90
57) 1,3-Dichloropropane	11.039	76	273419	19.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	319521	133.876	ug/l	96
59) 2-Hexanone	11.080	43	921530	100.715	ug/l	99
60) Dibromochloromethane	11.233	129	152438	19.655	ug/l	100
61) 1,2-Dibromoethane	11.345	107	154550	19.373	ug/l	99
64) Tetrachloroethene	10.974	164	120097	18.126	ug/l	99
65) Chlorobenzene	11.768	112	387585	18.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	144129	19.267	ug/l	100
67) Ethyl Benzene	11.839	91	692429	19.195	ug/l	99
68) m/p-Xylenes	11.951	106	523550	39.674	ug/l	99
69) o-Xylene	12.274	106	259397	19.610	ug/l	96
70) Styrene	12.292	104	416075	20.320	ug/l	97
71) Bromoform	12.451	173	113221	19.930	ug/l #	97
73) Isopropylbenzene	12.574	105	665725	17.874	ug/l	100
74) N-amyl acetate	12.380	43	270550	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	233810	19.565	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	188019m	18.288	ug/l	
77) Bromobenzene	12.857	156	158341	18.231	ug/l	81
78) n-propylbenzene	12.915	91	725147	18.144	ug/l	98
79) 2-Chlorotoluene	13.004	91	460357	17.944	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	538109	18.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	68575	19.186	ug/l	95
82) 4-Chlorotoluene	13.104	91	423445	18.530	ug/l	95
83) tert-Butylbenzene	13.321	119	485106	18.759	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	537076	19.350	ug/l	99
85) sec-Butylbenzene	13.498	105	643501	18.722	ug/l	99
86) p-Isopropyltoluene	13.610	119	522790	19.340	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	259271	18.373	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	250863	18.186	ug/l	98
89) n-Butylbenzene	13.939	91	400562	18.946	ug/l	96
90) Hexachloroethane	14.209	117	92523	17.212	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	258368	19.044	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	42022	19.391	ug/l	90
93) 1,2,4-Trichlorobenzene	15.262	180	120589	20.895	ug/l	98
94) Hexachlorobutadiene	15.368	225	71491	18.770	ug/l	97
95) Naphthalene	15.504	128	390410	24.875	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	125157	22.237	ug/l	98

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

