

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073451.D
 Acq On : 13 Jul 2022 15:58
 Operator : JC\MD
 Sample : VN0713WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713WBS01

Quant Time: Jul 14 07:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/14/2022
 Supervised By :Mahesh
 Dadoda
 07/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	244950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	416285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	386440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	190104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	172035	48.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	7.951	113	138093	49.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	10.380	98	472294	48.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.020%		
62) 4-Bromofluorobenzene	12.668	95	193315	51.139	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	63126	17.627	ug/l	97
3) Chloromethane	2.263	50	57900	16.653	ug/l	98
4) Vinyl Chloride	2.404	62	52341	17.718	ug/l	97
5) Bromomethane	2.804	94	26609	19.070	ug/l	89
6) Chloroethane	2.969	64	32965	18.970	ug/l	96
7) Trichlorofluoromethane	3.316	101	85476	16.736	ug/l	100
8) Diethyl Ether	3.763	74	41016	19.728	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	57715	19.125	ug/l	95
10) Methyl Iodide	4.345	142	51523	15.518	ug/l	95
11) Tert butyl alcohol	5.292	59	84086	98.162	ug/l	99
12) 1,1-Dichloroethene	4.116	96	50918	17.658	ug/l	95
13) Acrolein	3.987	56	32356	59.760	ug/l	97
14) Allyl chloride	4.763	41	112866	18.580	ug/l #	93
15) Acrylonitrile	5.475	53	227256	103.058	ug/l	98
16) Acetone	4.216	43	208695	105.142	ug/l	91
17) Carbon Disulfide	4.457	76	109037	14.583	ug/l	97
18) Methyl Acetate	4.775	43	124453	22.374	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	211096	20.086	ug/l	98
20) Methylene Chloride	5.016	84	63230	18.127	ug/l #	88
21) trans-1,2-Dichloroethene	5.516	96	54667	18.144	ug/l	95
22) Diisopropyl ether	6.410	45	236530	20.867	ug/l	93
23) Vinyl Acetate	6.351	43	984051	96.962	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	115908	19.760	ug/l	100
25) 2-Butanone	7.257	43	341695	108.126	ug/l	91
26) 2,2-Dichloropropane	7.245	77	91384	16.844	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	69349	19.007	ug/l	96
28) Bromochloromethane	7.581	49	54251	22.083	ug/l #	81
29) Tetrahydrofuran	7.610	42	230224	106.397	ug/l #	86
30) Chloroform	7.745	83	115024	19.469	ug/l	97
31) Cyclohexane	8.022	56	100646	17.379	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	98825	18.770	ug/l	99
36) 1,1-Dichloropropene	8.145	75	79793	18.724	ug/l	97
37) Ethyl Acetate	7.333	43	135454	21.036	ug/l #	95
38) Carbon Tetrachloride	8.133	117	78124	17.727	ug/l	96
39) Methylcyclohexane	9.392	83	98530	18.571	ug/l	93
40) Benzene	8.386	78	252749	19.218	ug/l	98

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41) Methacrylonitrile	7.563	41	67905	21.744	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	93228	19.555	ug/l	100
43) Isopropyl Acetate	8.492	43	190888	20.627	ug/l	94
44) Trichloroethene	9.145	130	62251	18.600	ug/l	92
45) 1,2-Dichloropropane	9.427	63	67885	20.251	ug/l	97
46) Dibromomethane	9.516	93	45596	20.033	ug/l	89
47) Bromodichloromethane	9.698	83	88890	20.164	ug/l	99
48) Methyl methacrylate	9.498	41	86553	20.200	ug/l	88
49) 1,4-Dioxane	9.504	88	35178	432.471	ug/l #	86
51) 4-Methyl-2-Pentanone	10.269	43	663886	113.125	ug/l	90
52) Toluene	10.445	92	157747	19.408	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	90763	18.703	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	99435	18.979	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	67466	20.162	ug/l	96
56) Ethyl methacrylate	10.704	69	110161	20.369	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	116881	20.376	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	239824	99.428	ug/l	95
59) 2-Hexanone	11.027	43	499142	111.579	ug/l	89
60) Dibromochloromethane	11.180	129	63778	19.991	ug/l	99
61) 1,2-Dibromoethane	11.286	107	64941	19.430	ug/l	99
64) Tetrachloroethene	10.910	164	59027	18.706	ug/l	96
65) Chlorobenzene	11.710	112	165621	18.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	60060	18.683	ug/l	98
67) Ethyl Benzene	11.786	91	311366	19.624	ug/l	98
68) m/p-Xylenes	11.892	106	233197	38.943	ug/l	95
69) o-Xylene	12.221	106	120887	19.775	ug/l	100
70) Styrene	12.233	104	193101	20.460	ug/l	100
71) Bromoform	12.398	173	45478	19.334	ug/l #	97
73) Isopropylbenzene	12.516	105	311549	18.978	ug/l	99
74) N-amyl acetate	12.327	43	146914	17.873	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.768	83	105625	19.389	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	91881m	18.484	ug/l	
77) Bromobenzene	12.798	156	70977	18.596	ug/l	88
78) n-propylbenzene	12.863	91	353363	19.376	ug/l	98
79) 2-Chlorotoluene	12.945	91	221171	19.162	ug/l	94
80) 1,3,5-Trimethylbenzene	12.998	105	260681	19.482	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.568	75	30684	16.929	ug/l	91
82) 4-Chlorotoluene	13.045	91	206281	18.460	ug/l	98
83) tert-Butylbenzene	13.263	119	228720	19.066	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	265183	19.850	ug/l	94
85) sec-Butylbenzene	13.439	105	325981	20.237	ug/l	99
86) p-Isopropyltoluene	13.557	119	265048	20.369	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	127444	18.612	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	127741	18.620	ug/l	97
89) n-Butylbenzene	13.880	91	219862	20.277	ug/l	98
90) Hexachloroethane	14.145	117	41860	17.262	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	130193	18.665	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24697	18.653	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	74419	20.491	ug/l	97
94) Hexachlorobutadiene	15.304	225	31707	19.639	ug/l	98
95) Naphthalene	15.433	128	291393	19.888	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	74827	19.973	ug/l	96

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

