

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073230.D
 Acq On : 29 Jun 2022 08:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 15:38:34 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 : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	257795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	437576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	398293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	179477	48.226	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	7.945	113	144505	49.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	10.375	98	514927	49.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.600%		
62) 4-Bromofluorobenzene	12.669	95	207502	52.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	197096	52.294	ug/l	99
3) Chloromethane	2.269	50	180930	49.446	ug/l	98
4) Vinyl Chloride	2.410	62	155672	50.071	ug/l	99
5) Bromomethane	2.799	94	72131	49.120	ug/l	94
6) Chloroethane	2.963	64	94594	51.722	ug/l	95
7) Trichlorofluoromethane	3.316	101	264975	49.297	ug/l	99
8) Diethyl Ether	3.769	74	110116	50.326	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	153435	48.311	ug/l	97
10) Methyl Iodide	4.351	142	171785	45.618	ug/l	96
11) Tert butyl alcohol	5.281	59	179326	198.913	ug/l	99
12) 1,1-Dichloroethene	4.116	96	145153	47.830	ug/l	95
13) Acrolein	3.981	56	120809	212.010	ug/l	99
14) Allyl chloride	4.763	41	310330	48.541	ug/l #	94
15) Acrylonitrile	5.469	53	538830	232.177	ug/l	98
16) Acetone	4.216	43	448625	214.759	ug/l	92
17) Carbon Disulfide	4.457	76	382158	48.564	ug/l	97
18) Methyl Acetate	4.769	43	265590	45.368	ug/l	91
19) Methyl tert-butyl Ether	5.522	73	547595	49.509	ug/l	98
20) Methylene Chloride	5.010	84	172656	47.030	ug/l #	86
21) trans-1,2-Dichloroethene	5.516	96	153896	48.533	ug/l	98
22) Diisopropyl ether	6.404	45	599068	50.217	ug/l	94
23) Vinyl Acetate	6.346	43	2717096	254.386	ug/l	94
24) 1,1-Dichloroethane	6.304	63	311868	50.517	ug/l	98
25) 2-Butanone	7.251	43	756611	227.493	ug/l	89
26) 2,2-Dichloropropane	7.245	77	270900	47.446	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	184364	48.011	ug/l	93
28) Bromochloromethane	7.581	49	142788	55.226	ug/l	83
29) Tetrahydrofuran	7.604	42	522413	229.401	ug/l	86
30) Chloroform	7.740	83	306020	49.216	ug/l	100
31) Cyclohexane	8.016	56	285987	46.922	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	274649	49.565	ug/l	99
36) 1,1-Dichloropropene	8.145	75	225650	50.373	ug/l	99
37) Ethyl Acetate	7.334	43	312882	46.226	ug/l	96
38) Carbon Tetrachloride	8.134	117	228803	49.392	ug/l	96
39) Methylcyclohexane	9.386	83	287065	51.473	ug/l	98
40) Benzene	8.387	78	690948	49.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	159186	48.494	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	252626	50.411	ug/l	98
43) Isopropyl Acetate	8.487	43	482402	49.592	ug/l	93
44) Trichloroethene	9.145	130	170811	48.552	ug/l	96
45) 1,2-Dichloropropane	9.422	63	182585	51.817	ug/l	99
46) Dibromomethane	9.510	93	119475	49.937	ug/l	92
47) Bromodichloromethane	9.698	83	239027	51.583	ug/l	97
48) Methyl methacrylate	9.492	41	220168	48.883	ug/l	91
49) 1,4-Dioxane	9.504	88	72663	849.839	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1508718	244.575	ug/l	91
52) Toluene	10.439	92	429173	50.233	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	267768	52.492	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	287495	52.203	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	172154	48.946	ug/l	98
56) Ethyl methacrylate	10.698	69	290571	51.112	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	296850	49.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	714366	281.756	ug/l	95
59) 2-Hexanone	11.022	43	1143302	243.139	ug/l	89
60) Dibromochloromethane	11.175	129	178068	53.100	ug/l	99
61) 1,2-Dibromoethane	11.280	107	180710	51.438	ug/l	98
64) Tetrachloroethene	10.910	164	160604	49.381	ug/l	96
65) Chlorobenzene	11.704	112	444287	49.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.775	131	165501	49.951	ug/l	98
67) Ethyl Benzene	11.780	91	827462	50.598	ug/l	100
68) m/p-Xylenes	11.886	106	628655	101.859	ug/l	95
69) o-Xylene	12.216	106	313462	49.751	ug/l	97
70) Styrene	12.227	104	515820	53.026	ug/l	98
71) Bromoform	12.392	173	126108	52.016	ug/l #	99
73) Isopropylbenzene	12.516	105	815964	48.202	ug/l	98
74) N-amyl acetate	12.322	43	399847	47.173	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	254997	45.395	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	209137m	40.801	ug/l	
77) Bromobenzene	12.798	156	182743	46.432	ug/l	87
78) n-propylbenzene	12.857	91	959517	51.023	ug/l	98
79) 2-Chlorotoluene	12.945	91	572512	48.101	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	680252	49.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	91324	48.861	ug/l	95
82) 4-Chlorotoluene	13.039	91	566202	49.137	ug/l	97
83) tert-Butylbenzene	13.257	119	594743	48.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	679307	49.312	ug/l	97
85) sec-Butylbenzene	13.439	105	844022	50.814	ug/l	98
86) p-Isopropyltoluene	13.551	119	692256	51.592	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	338725	47.973	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	340781	48.171	ug/l	98
89) n-Butylbenzene	13.880	91	596548	53.354	ug/l	98
90) Hexachloroethane	14.145	117	126877	50.739	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	347364	48.295	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	63529	46.530	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	189530	50.608	ug/l	98
94) Hexachlorobutadiene	15.298	225	82177	49.360	ug/l	98
95) Naphthalene	15.427	128	680994	45.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	186519	48.280	ug/l	98

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

