

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073489.D
 Acq On : 18 Jul 2022 10:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 15:27:58 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 07/19/2022
 Supervised By : Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	199197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	340811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	312970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	157426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	144733	50.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	7.951	113	118100	52.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	10.375	98	402531	49.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.669	95	164440	53.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	142897	49.067	ug/l	100
3) Chloromethane	2.269	50	141238	49.953	ug/l	98
4) Vinyl Chloride	2.405	62	113841	47.388	ug/l	98
5) Bromomethane	2.781	94	59524	52.459	ug/l	93
6) Chloroethane	2.946	64	74176	52.489	ug/l	98
7) Trichlorofluoromethane	3.304	101	207530	49.968	ug/l	99
8) Diethyl Ether	3.763	74	91534	54.140	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	131116	53.428	ug/l	96
10) Methyl Iodide	4.340	142	133005	45.720	ug/l	95
11) Tert butyl alcohol	5.287	59	179965	258.345	ug/l	100
12) 1,1-Dichloroethene	4.110	96	114877	48.989	ug/l	92
13) Acrolein	3.975	56	75433	171.321	ug/l	95
14) Allyl chloride	4.757	41	262825	53.204	ug/l #	91
15) Acrylonitrile	5.469	53	538402	300.238	ug/l	99
16) Acetone	4.216	43	480943	297.956	ug/l	95
17) Carbon Disulfide	4.457	76	254171	41.802	ug/l	98
18) Methyl Acetate	4.769	43	298664	66.026	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	472504	55.286	ug/l	98
20) Methylene Chloride	5.010	84	145116	51.157	ug/l #	84
21) trans-1,2-Dichloroethene	5.504	96	121862	49.736	ug/l	90
22) Diisopropyl ether	6.404	45	555814	60.297	ug/l	94
23) Vinyl Acetate	6.345	43	2317817	280.841	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	269897	56.579	ug/l	99
25) 2-Butanone	7.257	43	776580	302.185	ug/l	91
26) 2,2-Dichloropropane	7.239	77	211718	47.988	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	153392	51.696	ug/l	91
28) Bromochloromethane	7.581	49	125306	62.721	ug/l #	79
29) Tetrahydrofuran	7.604	42	527493	299.771	ug/l #	85
30) Chloroform	7.739	83	269432	56.078	ug/l	100
31) Cyclohexane	8.022	56	221354	47.001	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	228401	53.344	ug/l	100
36) 1,1-Dichloropropene	8.145	75	184810	52.970	ug/l	97
37) Ethyl Acetate	7.334	43	306255	58.094	ug/l #	94
38) Carbon Tetrachloride	8.134	117	185695	51.467	ug/l	97
39) Methylcyclohexane	9.392	83	214378	49.354	ug/l	93
40) Benzene	8.386	78	585550	54.382	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	153310	59.964	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	217849	55.814	ug/l	98
43) Isopropyl Acetate	8.492	43	446685	58.958	ug/l #	92
44) Trichloroethene	9.145	130	138137	50.413	ug/l	89
45) 1,2-Dichloropropane	9.422	63	158139	57.622	ug/l	97
46) Dibromomethane	9.510	93	100213	53.779	ug/l	92
47) Bromodichloromethane	9.698	83	213184	59.068	ug/l	98
48) Methyl methacrylate	9.492	41	200029	57.021	ug/l	90
49) 1,4-Dioxane	9.504	88	77554	1164.575	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1531635	318.786	ug/l	89
52) Toluene	10.439	92	360381	54.158	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	221916	55.855	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	238535	55.611	ug/l	91
55) 1,1,2-Trichloroethane	10.839	97	154328	56.335	ug/l	96
56) Ethyl methacrylate	10.698	69	250426	56.557	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	266040	56.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	565675	286.457	ug/l	92
59) 2-Hexanone	11.027	43	1155974	315.633	ug/l	87
60) Dibromochloromethane	11.175	129	157931	60.467	ug/l	98
61) 1,2-Dibromoethane	11.280	107	151170	55.247	ug/l	99
64) Tetrachloroethene	10.916	164	129245	50.573	ug/l	96
65) Chlorobenzene	11.710	112	375549	53.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	142629	54.783	ug/l	98
67) Ethyl Benzene	11.786	91	699399	54.427	ug/l	98
68) m/p-Xylenes	11.892	106	533835	110.076	ug/l	96
69) o-Xylene	12.216	106	258457	52.204	ug/l	92
70) Styrene	12.233	104	447840	58.589	ug/l	99
71) Bromoform	12.398	173	113200	59.421	ug/l #	99
73) Isopropylbenzene	12.516	105	694033	51.053	ug/l	98
74) N-amyl acetate	12.327	43	348315	51.170	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	244504	54.200	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	216111m	52.500	ug/l	
77) Bromobenzene	12.798	156	159275	50.393	ug/l	87
78) n-propylbenzene	12.857	91	821045	54.366	ug/l	97
79) 2-Chlorotoluene	12.945	91	498615	52.166	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	585816	52.869	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	78901	52.566	ug/l	92
82) 4-Chlorotoluene	13.045	91	479313	51.797	ug/l	97
83) tert-Butylbenzene	13.263	119	511388	51.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	579359	52.370	ug/l	98
85) sec-Butylbenzene	13.439	105	736813	55.237	ug/l	98
86) p-Isopropyltoluene	13.557	119	591955	54.935	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	291478	51.405	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	290801	51.186	ug/l	99
89) n-Butylbenzene	13.880	91	511977	57.018	ug/l	98
90) Hexachloroethane	14.151	117	106137	52.853	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	302013	52.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55841	50.929	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	158064	52.555	ug/l	98
94) Hexachlorobutadiene	15.304	225	72710	54.384	ug/l	94
95) Naphthalene	15.433	128	584081	48.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	163189	52.600	ug/l	97

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

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