

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030052.D
 Acq On : 14 Jul 2022 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 04:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	182752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111666	50.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	5.391	113	100744	50.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	385694	51.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.085	95	139326	53.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113023	54.539	ug/l	99
3) Chloromethane	1.288	50	104337	54.788	ug/l	100
4) Vinyl Chloride	1.373	62	112499	53.185	ug/l	100
5) Bromomethane	1.599	94	37990	42.280	ug/l	99
6) Chloroethane	1.678	64	62485	52.458	ug/l	97
7) Trichlorofluoromethane	1.879	101	149106	54.583	ug/l	98
8) Diethyl Ether	2.136	74	59224	52.405	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	102955	55.207	ug/l	98
10) Methyl Iodide	2.446	142	99351	54.057	ug/l	100
11) Tert butyl alcohol	2.971	59	147191	256.386	ug/l	100
12) 1,1-Dichloroethene	2.312	96	100710	54.088	ug/l	99
13) Acrolein	2.239	56	25996	227.357	ug/l	97
14) Allyl chloride	2.660	41	176403	54.214	ug/l	99
15) Acrylonitrile	3.062	53	352822	270.413	ug/l	100
16) Acetone	2.386	43	281542	268.605	ug/l	99
17) Carbon Disulfide	2.507	76	260642	50.024	ug/l	98
18) Methyl Acetate	2.703	43	162576	50.985	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	315944	53.681	ug/l	97
20) Methylene Chloride	2.788	84	115517	54.688	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	108670	55.993	ug/l	96
22) Diisopropyl ether	3.763	45	349669	54.900	ug/l	90
23) Vinyl Acetate	3.721	43	1540010	285.619	ug/l	99
24) 1,1-Dichloroethane	3.611	63	188607	53.439	ug/l	99
25) 2-Butanone	4.562	43	493089	276.166	ug/l	100
26) 2,2-Dichloropropane	4.477	77	130182	52.509	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	125120	52.645	ug/l	98
28) Bromochloromethane	4.903	49	79189	53.334	ug/l	95
29) Tetrahydrofuran	5.007	42	330596	272.834	ug/l	100
30) Chloroform	5.098	83	190461	54.151	ug/l	100
31) Cyclohexane	5.470	56	177909	55.172	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	155147	53.970	ug/l	99
36) 1,1-Dichloropropene	5.690	75	140655	54.228	ug/l	99
37) Ethyl Acetate	4.714	43	183330	55.005	ug/l	99
38) Carbon Tetrachloride	5.678	117	131114	54.206	ug/l	98
39) Methylcyclohexane	7.385	83	192721	58.611	ug/l	97
40) Benzene	6.037	78	450734	55.211	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	99177	55.264	ug/l	99
42) 1,2-Dichloroethane	6.092	62	139319	55.064	ug/l	100
43) Isopropyl Acetate	6.342	43	272866	54.445	ug/l	100
44) Trichloroethene	7.129	130	122211	51.229	ug/l	95
45) 1,2-Dichloropropane	7.433	63	115102	54.242	ug/l	100
46) Dibromomethane	7.580	93	78653	53.853	ug/l	99
47) Bromodichloromethane	7.824	83	144563	54.549	ug/l	95
48) Methyl methacrylate	7.696	41	131154	56.715	ug/l	97
49) 1,4-Dioxane	7.665	88	68438	1139.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	928694	280.023	ug/l	100
52) Toluene	8.720	92	276806	53.395	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	151179	54.919	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	174486	55.329	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	113794	53.228	ug/l	96
56) Ethyl methacrylate	9.116	69	179714	55.912	ug/l	98
57) 1,3-Dichloropropane	9.311	76	185412	54.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	485697	278.283	ug/l	100
59) 2-Hexanone	9.433	43	735603	289.234	ug/l	99
60) Dibromochloromethane	9.524	129	110748	53.174	ug/l	100
61) 1,2-Dibromoethane	9.610	107	120540	54.176	ug/l	100
64) Tetrachloroethene	9.275	164	119972	53.451	ug/l	97
65) Chlorobenzene	10.079	112	296323	53.221	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	101672	53.564	ug/l	97
67) Ethyl Benzene	10.195	91	531379	56.311	ug/l	100
68) m/p-Xylenes	10.305	106	411131	111.083	ug/l	99
69) o-Xylene	10.646	106	199092	53.723	ug/l	96
70) Styrene	10.658	104	340522	55.361	ug/l	99
71) Bromoform	10.799	173	79607	52.201	ug/l	99
73) Isopropylbenzene	10.963	105	524278	54.115	ug/l	100
74) N-amyl acetate	10.841	43	233942	54.978	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	181151	51.827	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	168930m	52.805	ug/l	
77) Bromobenzene	11.201	156	120402	49.671	ug/l	99
78) n-propylbenzene	11.305	91	635875	55.324	ug/l	100
79) 2-Chlorotoluene	11.366	91	366579	53.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	440824	53.999	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58634	52.895	ug/l	99
82) 4-Chlorotoluene	11.457	91	416311	53.974	ug/l	100
83) tert-Butylbenzene	11.719	119	414964	53.005	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	447629	55.436	ug/l	99
85) sec-Butylbenzene	11.890	105	572906	55.355	ug/l	100
86) p-Isopropyltoluene	12.012	119	470571	56.675	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	239568	53.489	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	239487	52.106	ug/l	99
89) n-Butylbenzene	12.335	91	449118	60.371	ug/l	100
90) Hexachloroethane	12.542	117	77089	54.311	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	243589	53.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45357	56.831	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	150277	53.769	ug/l	99
94) Hexachlorobutadiene	13.725	225	59325	53.167	ug/l	98
95) Naphthalene	13.780	128	604557	54.496	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	154032	54.165	ug/l	100

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

