

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030030.D
 Acq On : 12 Jul 2022 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 13 09:10:42 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	199594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110873	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.280%		
35) Dibromofluoromethane	5.391	113	98507	44.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.680%		
50) Toluene-d8	8.653	98	385718	46.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.085	95	133500	46.557	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119094	52.584	ug/l	98
3) Chloromethane	1.288	50	112532	54.105	ug/l	98
4) Vinyl Chloride	1.374	62	125282	54.231	ug/l	97
5) Bromomethane	1.605	94	48812	49.740	ug/l	99
6) Chloroethane	1.679	64	69530	53.447	ug/l	97
7) Trichlorofluoromethane	1.886	101	161344	54.079	ug/l	99
8) Diethyl Ether	2.136	74	65580	53.133	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	104674	51.393	ug/l	99
10) Methyl Iodide	2.453	142	98534	49.310	ug/l	99
11) Tert butyl alcohol	2.983	59	150496	240.023	ug/l	99
12) 1,1-Dichloroethene	2.319	96	109034	53.617	ug/l	96
13) Acrolein	2.239	56	29691	237.761	ug/l	99
14) Allyl chloride	2.666	41	185126	52.094	ug/l	98
15) Acrylonitrile	3.069	53	377526	264.931	ug/l	99
16) Acetone	2.386	43	299071	261.253	ug/l	99
17) Carbon Disulfide	2.508	76	288899	50.774	ug/l	98
18) Methyl Acetate	2.709	43	175511	50.397	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	341657	53.152	ug/l	98
20) Methylene Chloride	2.788	84	123227	53.370	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	115375	54.431	ug/l	96
22) Diisopropyl ether	3.764	45	370327	53.238	ug/l	99
23) Vinyl Acetate	3.727	43	1653493	280.789	ug/l	99
24) 1,1-Dichloroethane	3.611	63	200864	52.110	ug/l	98
25) 2-Butanone	4.568	43	525965	269.722	ug/l	99
26) 2,2-Dichloropropane	4.483	77	121449	44.853	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	132974	51.229	ug/l	98
28) Bromochloromethane	4.904	49	80203	49.458	ug/l	94
29) Tetrahydrofuran	5.013	42	351945	265.944	ug/l	99
30) Chloroform	5.105	83	201910	52.562	ug/l	93
31) Cyclohexane	5.477	56	189493	53.805	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	167028	53.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	152837	53.856	ug/l	99
37) Ethyl Acetate	4.727	43	194258	53.271	ug/l	99
38) Carbon Tetrachloride	5.678	117	140823	53.213	ug/l	98
39) Methylcyclohexane	7.385	83	195249	54.273	ug/l	98
40) Benzene	6.044	78	484837	54.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101266	51.575	ug/l	95
42) 1,2-Dichloroethane	6.092	62	147755	53.375	ug/l	100
43) Isopropyl Acetate	6.355	43	304175	55.472	ug/l	100
44) Trichloroethene	7.129	130	130271	49.910	ug/l	99
45) 1,2-Dichloropropane	7.434	63	123844	53.342	ug/l	97
46) Dibromomethane	7.586	93	83471	52.236	ug/l	98
47) Bromodichloromethane	7.824	83	152521	52.602	ug/l	97
48) Methyl methacrylate	7.696	41	143709	56.800	ug/l	99
49) 1,4-Dioxane	7.677	88	70020	1065.200	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	992903	273.634	ug/l	100
52) Toluene	8.720	92	297284	52.413	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	161043	53.470	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	181039	52.470	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	123081	52.621	ug/l	98
56) Ethyl methacrylate	9.122	69	194654	55.352	ug/l	100
57) 1,3-Dichloropropane	9.311	76	198909	53.533	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	496839	260.183	ug/l	99
59) 2-Hexanone	9.433	43	768260	276.093	ug/l	99
60) Dibromochloromethane	9.525	129	120314	52.799	ug/l	100
61) 1,2-Dibromoethane	9.610	107	131868	54.170	ug/l	97
64) Tetrachloroethene	9.275	164	122896	49.407	ug/l	97
65) Chlorobenzene	10.079	112	317071	51.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	108812	51.727	ug/l	98
67) Ethyl Benzene	10.195	91	556359	53.200	ug/l	98
68) m/p-Xylenes	10.305	106	432664	105.484	ug/l	100
69) o-Xylene	10.646	106	214486	52.224	ug/l	99
70) Styrene	10.659	104	358543	52.598	ug/l	99
71) Bromoform	10.805	173	85836	50.789	ug/l #	100
73) Isopropylbenzene	10.963	105	550985	52.622	ug/l	100
74) N-amyl acetate	10.848	43	256477	55.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	192898	51.064	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	174295m	50.411	ug/l	
77) Bromobenzene	11.201	156	130627	49.862	ug/l	98
78) n-propylbenzene	11.305	91	651770	52.470	ug/l	100
79) 2-Chlorotoluene	11.366	91	381119	51.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	452366	51.272	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59061	49.299	ug/l	99
82) 4-Chlorotoluene	11.457	91	427368	51.267	ug/l	99
83) tert-Butylbenzene	11.719	119	438145	51.784	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	457194	52.389	ug/l	100
85) sec-Butylbenzene	11.890	105	601180	53.746	ug/l	99
86) p-Isopropyltoluene	12.012	119	478394	53.311	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	251489	51.955	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	249548	50.237	ug/l	98
89) n-Butylbenzene	12.335	91	459977	57.210	ug/l	99
90) Hexachloroethane	12.542	117	82133	53.541	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	251484	51.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48975	56.779	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	151491	50.153	ug/l	99
94) Hexachlorobutadiene	13.725	225	56262	46.654	ug/l	97
95) Naphthalene	13.774	128	642296	53.571	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	157949	51.392	ug/l	99

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

