

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036446.D
 Acq On : 06 Jul 2023 19:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 07 01:53:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2023
 Supervised By : Mahesh Dadoda 07/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127317	58.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.680%#			
35) Dibromofluoromethane	5.391	113	101211	52.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.360%			
50) Toluene-d8	8.647	98	344249	47.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.940%			
62) 4-Bromofluorobenzene	11.079	95	128922	51.005	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51321	35.910	ug/l	97
3) Chloromethane	1.300	50	93085	37.546	ug/l	98
4) Vinyl Chloride	1.374	62	124247	45.840	ug/l	99
5) Bromomethane	1.617	94	106239	53.567	ug/l	97
6) Chloroethane	1.691	64	100871	50.694	ug/l	98
7) Trichlorofluoromethane	1.886	101	159308	38.660	ug/l	100
8) Diethyl Ether	2.136	74	82935	52.136	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	64053	37.037	ug/l	97
10) Methyl Iodide	2.453	142	115875	55.295	ug/l	91
11) Tert butyl alcohol	3.007	59	160526	407.543	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	75648	44.094	ug/l	86
13) Acrolein	2.239	56	139601	258.067	ug/l	100
14) Allyl chloride	2.666	41	147839	53.026	ug/l	97
15) Acrylonitrile	3.074	53	314905	315.413	ug/l	99
16) Acetone	2.398	43	284197	307.272	ug/l	94
17) Carbon Disulfide	2.514	76	146463	34.761	ug/l	98
18) Methyl Acetate	2.709	43	251391	66.096	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	347067	62.598	ug/l	99
20) Methylene Chloride	2.788	84	104332	52.390	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	86816	47.422	ug/l	92
22) Diisopropyl ether	3.763	45	333494	59.695	ug/l	87
23) Vinyl Acetate	3.727	43	1258969	310.529	ug/l	97
24) 1,1-Dichloroethane	3.611	63	183002	55.582	ug/l	99
25) 2-Butanone	4.574	43	449648	338.361	ug/l	97
26) 2,2-Dichloropropane	4.477	77	103584	44.359	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	115582	56.295	ug/l	90
28) Bromochloromethane	4.897	49	91087	53.344	ug/l	90
29) Tetrahydrofuran	5.013	42	282906	334.380	ug/l	94
30) Chloroform	5.098	83	194545	58.665	ug/l	99
31) Cyclohexane	5.470	56	104271	37.603	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	148536	53.622	ug/l	99
36) 1,1-Dichloropropene	5.696	75	113198	39.525	ug/l	97
37) Ethyl Acetate	4.721	43	166820	57.150	ug/l	97
38) Carbon Tetrachloride	5.678	117	113744	43.485	ug/l	97
39) Methylcyclohexane	7.385	83	111198	32.417	ug/l	93
40) Benzene	6.043	78	391320	48.913	ug/l	99

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41) Methacrylonitrile	4.928	41	92102	56.878	ug/l	93
42) 1,2-Dichloroethane	6.086	62	162606	53.436	ug/l	98
43) Isopropyl Acetate	6.342	43	281088	60.364	ug/l	97
44) Trichloroethene	7.129	130	101186	45.472	ug/l	98
45) 1,2-Dichloropropane	7.433	63	112599	51.677	ug/l	99
46) Dibromomethane	7.586	93	81340	53.033	ug/l	93
47) Bromodichloromethane	7.824	83	151247	54.530	ug/l	96
48) Methyl methacrylate	7.696	41	135975	58.565	ug/l	92
49) 1,4-Dioxane	7.720	88	67841	1318.057	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	893995	297.993	ug/l	98
52) Toluene	8.720	92	237936	46.929	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	159757	57.020	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	169993	53.672	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	114842	54.501	ug/l	93
56) Ethyl methacrylate	9.116	69	182252	57.826	ug/l	96
57) 1,3-Dichloropropane	9.311	76	193485	53.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	478245	270.005	ug/l	100
59) 2-Hexanone	9.433	43	691179	315.492	ug/l	97
60) Dibromochloromethane	9.525	129	117761	57.521	ug/l	99
61) 1,2-Dibromoethane	9.610	107	119618	53.492	ug/l	98
64) Tetrachloroethene	9.275	164	87718	46.833	ug/l	99
65) Chlorobenzene	10.079	112	272327	48.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108237	57.426	ug/l	99
67) Ethyl Benzene	10.195	91	457301	46.129	ug/l	98
68) m/p-Xylenes	10.299	106	352605	91.549	ug/l	96
69) o-Xylene	10.640	106	184509	49.607	ug/l	97
70) Styrene	10.658	104	303913	49.905	ug/l	97
71) Bromoform	10.799	173	83484	61.752	ug/l #	98
73) Isopropylbenzene	10.963	105	441157	46.828	ug/l	97
74) N-amyl acetate	10.841	43	239926	64.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	183399	57.488	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	151873m	56.956	ug/l	
77) Bromobenzene	11.201	156	120138	51.862	ug/l	91
78) n-propylbenzene	11.305	91	508425	46.211	ug/l	98
79) 2-Chlorotoluene	11.366	91	316238	48.318	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	371957	46.621	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	50614	61.875	ug/l	91
82) 4-Chlorotoluene	11.457	91	362445	47.566	ug/l	96
83) tert-Butylbenzene	11.713	119	361886	47.330	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	387399	49.081	ug/l	97
85) sec-Butylbenzene	11.890	105	424521	43.826	ug/l	99
86) p-Isopropyltoluene	12.012	119	359176	44.183	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	210423	49.407	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	212609	49.025	ug/l	98
89) n-Butylbenzene	12.335	91	308443	42.634	ug/l	98
90) Hexachloroethane	12.542	117	61964	50.327	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	219681	52.384	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43293	71.445	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	130886	50.671	ug/l	97
94) Hexachlorobutadiene	13.725	225	41792	39.504	ug/l	97
95) Naphthalene	13.774	128	525275	61.554	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	131895	52.346	ug/l	97

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

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