

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032162.D
 Acq On : 17 Oct 2022 18:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:21:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103760	48.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.860%		
35) Dibromofluoromethane	5.385	113	77057	51.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.880%		
50) Toluene-d8	8.647	98	289340	55.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	110.140%		
62) 4-Bromofluorobenzene	11.079	95	81438	40.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72868	49.710	ug/l	97
3) Chloromethane	1.288	50	69409	49.041	ug/l	100
4) Vinyl Chloride	1.373	62	79364	50.321	ug/l	98
5) Bromomethane	1.611	94	54549	46.728	ug/l	98
6) Chloroethane	1.684	64	63698	54.404	ug/l	98
7) Trichlorofluoromethane	1.886	101	123349	50.126	ug/l	99
8) Diethyl Ether	2.129	74	41043	50.455	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	77216	66.393	ug/l	94
10) Methyl Iodide	2.453	142	83147	58.971	ug/l	96
11) Tert butyl alcohol	3.001	59	69609	238.690	ug/l	97
12) 1,1-Dichloroethene	2.318	96	68449	62.995	ug/l	96
13) Acrolein	2.239	56	70294	286.365	ug/l	98
14) Allyl chloride	2.660	41	112788	58.736	ug/l	95
15) Acrylonitrile	3.062	53	182112	260.131	ug/l	99
16) Acetone	2.386	43	163251	320.208	ug/l	96
17) Carbon Disulfide	2.507	76	164991	60.513	ug/l	99
18) Methyl Acetate	2.703	43	111316	53.613	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	247844	54.952	ug/l	98
20) Methylene Chloride	2.788	84	77123	49.201	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	75627	51.369	ug/l	93
22) Diisopropyl ether	3.757	45	244178	51.184	ug/l	93
23) Vinyl Acetate	3.721	43	982351	263.603	ug/l	99
24) 1,1-Dichloroethane	3.605	63	140482	50.526	ug/l	99
25) 2-Butanone	4.562	43	259648	238.357	ug/l	98
26) 2,2-Dichloropropane	4.477	77	118130	53.982	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	88802	50.149	ug/l	97
28) Bromochloromethane	4.897	49	49865	43.893	ug/l	91
29) Tetrahydrofuran	5.007	42	166795	255.330	ug/l	97
30) Chloroform	5.086	83	158465	52.076	ug/l	98
31) Cyclohexane	5.470	56	124369	52.631	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	143985	54.892	ug/l	100
36) 1,1-Dichloropropene	5.690	75	116402	53.712	ug/l	99
37) Ethyl Acetate	4.708	43	107070	49.233	ug/l	100
38) Carbon Tetrachloride	5.671	117	125316	54.603	ug/l	98
39) Methylcyclohexane	7.378	83	142083	54.629	ug/l	99
40) Benzene	6.031	78	318708	52.577	ug/l	99

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41) Methacrylonitrile	4.916	41	61147	54.529	ug/l	98
42) 1,2-Dichloroethane	6.086	62	134360	52.920	ug/l	98
43) Isopropyl Acetate	6.336	43	179026	54.628	ug/l	100
44) Trichloroethene	7.122	130	90311	52.876	ug/l	96
45) 1,2-Dichloropropane	7.427	63	78890	52.238	ug/l	95
46) Dibromomethane	7.580	93	61544	53.050	ug/l	96
47) Bromodichloromethane	7.817	83	120459	55.738	ug/l	99
48) Methyl methacrylate	7.689	41	90701	54.609	ug/l	97
49) 1,4-Dioxane	7.689	88	32907	966.302	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	558502	277.914	ug/l	99
52) Toluene	8.720	92	213333	55.237	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128371	66.590	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	135454	59.836	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	85668	58.431	ug/l	97
56) Ethyl methacrylate	9.116	69	129728	61.955	ug/l	99
57) 1,3-Dichloropropane	9.305	76	144728	56.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	292254	281.729	ug/l	95
59) 2-Hexanone	9.433	43	421507	283.117	ug/l	99
60) Dibromochloromethane	9.518	129	91864	60.565	ug/l	100
61) 1,2-Dibromoethane	9.610	107	91553	57.822	ug/l	99
64) Tetrachloroethene	9.274	164	90320	66.988	ug/l	99
65) Chlorobenzene	10.079	112	183288	51.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65174	52.761	ug/l	97
67) Ethyl Benzene	10.195	91	332938	53.142	ug/l	100
68) m/p-Xylenes	10.299	106	263857	109.828	ug/l	99
69) o-Xylene	10.640	106	128411	54.320	ug/l	99
70) Styrene	10.652	104	216021	56.547	ug/l	99
71) Bromoform	10.799	173	47328	54.469	ug/l #	99
73) Isopropylbenzene	10.963	105	333439	53.021	ug/l	98
74) N-amyl acetate	10.841	43	124874	56.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99913	49.557	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	91188m	50.565	ug/l	
77) Bromobenzene	11.201	156	76568	50.016	ug/l	99
78) n-propylbenzene	11.305	91	393535	52.221	ug/l	99
79) 2-Chlorotoluene	11.366	91	226104	48.572	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	287259	51.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27284	58.243	ug/l	93
82) 4-Chlorotoluene	11.451	91	268566	49.509	ug/l	99
83) tert-Butylbenzene	11.713	119	271117	49.651	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	286814	51.349	ug/l	99
85) sec-Butylbenzene	11.890	105	358801	52.504	ug/l	99
86) p-Isopropyltoluene	12.012	119	305806	53.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150896	51.003	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	154071	50.993	ug/l	99
89) n-Butylbenzene	12.335	91	271523	57.892	ug/l	100
90) Hexachloroethane	12.542	117	47347	59.975	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	152159	53.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20348	48.416	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	94303	60.058	ug/l	98
94) Hexachlorobutadiene	13.725	225	38940	59.172	ug/l	98
95) Naphthalene	13.774	128	320485	61.076	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95311	60.632	ug/l	98

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

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