

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034737.D
 Acq On : 27 Mar 2023 09:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 16:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/27/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	337301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	553474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	234274	47.742	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.480%		
35) Dibromofluoromethane	5.379	113	179844	49.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	8.647	98	638321	46.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.580%		
62) 4-Bromofluorobenzene	11.079	95	265540	48.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	190616	60.619	ug/l	100
3) Chloromethane	1.294	50	210458	44.027	ug/l	98
4) Vinyl Chloride	1.374	62	207323	48.421	ug/l	97
5) Bromomethane	1.618	94	124902	57.817	ug/l	96
6) Chloroethane	1.691	64	113541	46.057	ug/l	99
7) Trichlorofluoromethane	1.886	101	298270	46.362	ug/l	99
8) Diethyl Ether	2.130	74	115291	49.090	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	179471	47.867	ug/l	99
10) Methyl Iodide	2.453	142	228747	46.469	ug/l	94
11) Tert butyl alcohol	2.983	59	189987	185.923	ug/l	99
12) 1,1-Dichloroethene	2.319	96	169372	45.869	ug/l	94
13) Acrolein	2.233	56	165443	204.658	ug/l	99
14) Allyl chloride	2.666	41	340849	45.531	ug/l	98
15) Acrylonitrile	3.062	53	496341	224.854	ug/l	99
16) Acetone	2.386	43	464826	201.096	ug/l	96
17) Carbon Disulfide	2.514	76	421865	40.597	ug/l	98
18) Methyl Acetate	2.703	43	362224	47.959	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	638266	48.276	ug/l	97
20) Methylene Chloride	2.788	84	192426	42.894	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	183887	46.892	ug/l	99
22) Diisopropyl ether	3.751	45	658950	46.167	ug/l	94
23) Vinyl Acetate	3.715	43	2466226	227.035	ug/l	99
24) 1,1-Dichloroethane	3.605	63	359134	46.808	ug/l	98
25) 2-Butanone	4.550	43	725157	219.254	ug/l	98
26) 2,2-Dichloropropane	4.471	77	321561	48.215	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	215335	45.615	ug/l	97
28) Bromochloromethane	4.897	49	157924	44.268	ug/l	98
29) Tetrahydrofuran	5.001	42	454833	222.865	ug/l	99
30) Chloroform	5.086	83	364176	48.422	ug/l	98
31) Cyclohexane	5.471	56	318790	46.323	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	328228	49.298	ug/l	99
36) 1,1-Dichloropropene	5.690	75	273252	48.684	ug/l	99
37) Ethyl Acetate	4.708	43	280438	45.735	ug/l	99
38) Carbon Tetrachloride	5.678	117	286584	51.325	ug/l	100
39) Methylcyclohexane	7.379	83	320554	47.723	ug/l	95
40) Benzene	6.031	78	767074	46.717	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	163048	48.520	ug/l	97
42) 1,2-Dichloroethane	6.080	62	308631	51.145	ug/l	100
43) Isopropyl Acetate	6.330	43	480578	46.264	ug/l	99
44) Trichloroethene	7.123	130	204738	47.991	ug/l	98
45) 1,2-Dichloropropane	7.428	63	201383	46.973	ug/l	99
46) Dibromomethane	7.580	93	138863	47.643	ug/l	98
47) Bromodichloromethane	7.818	83	282464	50.073	ug/l	97
48) Methyl methacrylate	7.690	41	241520	48.343	ug/l	99
49) 1,4-Dioxane	7.696	88	83744	798.070	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1392572	231.095	ug/l	99
52) Toluene	8.714	92	491279	48.328	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	318534	50.123	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	336949	49.007	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	196145	48.619	ug/l	98
56) Ethyl methacrylate	9.116	69	323369	48.819	ug/l	97
57) 1,3-Dichloropropane	9.305	76	345715	48.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	711772	208.507	ug/l	97
59) 2-Hexanone	9.427	43	1085601	233.053	ug/l	99
60) Dibromochloromethane	9.519	129	211658	50.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	209308	48.079	ug/l	99
64) Tetrachloroethene	9.269	164	176813	53.081	ug/l	96
65) Chlorobenzene	10.079	112	523122	48.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	201167	50.766	ug/l	99
67) Ethyl Benzene	10.195	91	959303	49.251	ug/l	98
68) m/p-Xylenes	10.299	106	734664	98.188	ug/l	100
69) o-Xylene	10.640	106	360754	48.045	ug/l	99
70) Styrene	10.653	104	606673	50.078	ug/l	99
71) Bromoform	10.799	173	149956	49.162	ug/l	100
73) Isopropylbenzene	10.963	105	947504	48.375	ug/l	100
74) N-amyl acetate	10.842	43	425548	45.361	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	295371	45.191	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	252293m	43.357	ug/l	
77) Bromobenzene	11.195	156	224296	47.730	ug/l	98
78) n-propylbenzene	11.305	91	1108853	49.020	ug/l	100
79) 2-Chlorotoluene	11.366	91	673138	48.183	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	815353	49.630	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	96669	44.943	ug/l	98
82) 4-Chlorotoluene	11.451	91	780628	48.511	ug/l	99
83) tert-Butylbenzene	11.713	119	793793	47.922	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	819607	48.815	ug/l	99
85) sec-Butylbenzene	11.890	105	972473	48.022	ug/l	100
86) p-Isopropyltoluene	12.006	119	843547	49.564	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	434953	47.239	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	436768	46.913	ug/l	99
89) n-Butylbenzene	12.329	91	722440	47.749	ug/l	99
90) Hexachloroethane	12.536	117	144210	45.792	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	425040	47.767	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67443	45.417	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	269205	48.379	ug/l	98
94) Hexachlorobutadiene	13.725	225	111884	49.909	ug/l	99
95) Naphthalene	13.774	128	890754	47.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268160	49.300	ug/l	99

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

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