

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034620.D
 Acq On : 20 Mar 2023 12:05
 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 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:38:05 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	291230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	522257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185865	43.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.740%		
35) Dibromofluoromethane	5.379	113	141523	41.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.080%		
50) Toluene-d8	8.647	98	569493	44.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.480%#		
62) 4-Bromofluorobenzene	11.079	95	238018	45.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	163865	60.355	ug/l	100
3) Chloromethane	1.301	50	206783	50.287	ug/l	97
4) Vinyl Chloride	1.374	62	199538	53.975	ug/l	98
5) Bromomethane	1.599	94	110892	59.452	ug/l	99
6) Chloroethane	1.679	64	125685	59.048	ug/l	99
7) Trichlorofluoromethane	1.880	101	322526	58.062	ug/l	99
8) Diethyl Ether	2.130	74	111631	55.051	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	173056	53.458	ug/l	99
10) Methyl Iodide	2.447	142	228382	53.735	ug/l	95
11) Tert butyl alcohol	2.953	59	188561	213.719	ug/l	99
12) 1,1-Dichloroethene	2.319	96	163466	51.272	ug/l	98
13) Acrolein	2.233	56	167309	239.708	ug/l	100
14) Allyl chloride	2.660	41	318542	49.282	ug/l	96
15) Acrylonitrile	3.056	53	476950	250.250	ug/l	99
16) Acetone	2.374	43	452335	226.649	ug/l	97
17) Carbon Disulfide	2.508	76	441433	49.200	ug/l	100
18) Methyl Acetate	2.697	43	340893	52.275	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	594120	52.046	ug/l	99
20) Methylene Chloride	2.788	84	186660	48.191	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	176884	52.242	ug/l	97
22) Diisopropyl ether	3.758	45	639712	51.910	ug/l	91
23) Vinyl Acetate	3.715	43	2419960	258.018	ug/l	99
24) 1,1-Dichloroethane	3.605	63	341347	51.527	ug/l	99
25) 2-Butanone	4.544	43	691664	242.210	ug/l	98
26) 2,2-Dichloropropane	4.471	77	309235	53.702	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	207160	50.825	ug/l	97
28) Bromochloromethane	4.891	49	153289	49.766	ug/l	99
29) Tetrahydrofuran	4.995	42	441415	250.506	ug/l	100
30) Chloroform	5.087	83	351845	54.183	ug/l	97
31) Cyclohexane	5.471	56	325080	54.710	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	315953	54.962	ug/l	99
36) 1,1-Dichloropropene	5.690	75	271368	51.238	ug/l	99
37) Ethyl Acetate	4.709	43	274962	47.523	ug/l	99
38) Carbon Tetrachloride	5.672	117	273525	51.915	ug/l	99
39) Methylcyclohexane	7.379	83	377692	59.591	ug/l	97
40) Benzene	6.032	78	765061	49.380	ug/l	100

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41) Methacrylonitrile	4.910	41	153457	48.395	ug/l	98
42) 1,2-Dichloroethane	6.080	62	312277	54.842	ug/l	98
43) Isopropyl Acetate	6.330	43	504536	51.474	ug/l	100
44) Trichloroethene	7.123	130	220511	54.777	ug/l	98
45) 1,2-Dichloropropane	7.428	63	218059	53.903	ug/l	100
46) Dibromomethane	7.574	93	150456	54.706	ug/l	99
47) Bromodichloromethane	7.818	83	307910	57.847	ug/l	98
48) Methyl methacrylate	7.690	41	267273	56.696	ug/l	98
49) 1,4-Dioxane	7.653	88	100107	1011.031	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1522505	267.759	ug/l	100
52) Toluene	8.714	92	542229	56.529	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	345838	57.672	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	368698	56.829	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	211501	55.559	ug/l	100
56) Ethyl methacrylate	9.116	69	350564	56.088	ug/l	99
57) 1,3-Dichloropropane	9.305	76	371759	54.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	780006	242.154	ug/l	99
59) 2-Hexanone	9.427	43	1178705	268.165	ug/l	99
60) Dibromochloromethane	9.519	129	226790	56.804	ug/l	100
61) 1,2-Dibromoethane	9.610	107	225177	54.816	ug/l	100
64) Tetrachloroethene	9.275	164	184204	56.056	ug/l	98
65) Chlorobenzene	10.080	112	573160	53.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	213710	54.669	ug/l	98
67) Ethyl Benzene	10.189	91	1060827	55.209	ug/l	97
68) m/p-Xylenes	10.299	106	808050	109.474	ug/l	98
69) o-Xylene	10.640	106	395383	53.377	ug/l	98
70) Styrene	10.653	104	662763	55.457	ug/l	99
71) Bromoform	10.799	173	159866	53.128	ug/l	99
73) Isopropylbenzene	10.964	105	1051875	53.495	ug/l	99
74) N-amyl acetate	10.842	43	484986	51.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	331695	50.551	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	281907m	48.258	ug/l	
77) Bromobenzene	11.195	156	246821	52.319	ug/l	99
78) n-propylbenzene	11.305	91	1245163	54.832	ug/l	100
79) 2-Chlorotoluene	11.366	91	751565	53.588	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	908320	55.074	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	107737	49.894	ug/l	97
82) 4-Chlorotoluene	11.451	91	884554	54.756	ug/l	99
83) tert-Butylbenzene	11.713	119	889969	53.519	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	917897	54.456	ug/l	99
85) sec-Butylbenzene	11.890	105	1116407	54.916	ug/l	99
86) p-Isopropyltoluene	12.006	119	955327	55.914	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	484311	52.395	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	491935	52.633	ug/l	99
89) n-Butylbenzene	12.329	91	857813	56.476	ug/l	99
90) Hexachloroethane	12.536	117	167150	52.870	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	474818	53.154	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	76782	51.505	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	302584	54.166	ug/l	98
94) Hexachlorobutadiene	13.725	225	135778	60.333	ug/l	98
95) Naphthalene	13.774	128	990364	52.869	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	297447	54.472	ug/l	98

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

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