

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033834.D
 Acq On : 20 Jan 2023 17:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 21 04:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	182791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87735	45.586	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	79967	48.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	8.647	98	289836	48.483	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.960%		
62) 4-Bromofluorobenzene	11.079	95	109035	49.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64020	44.320	ug/l	98
3) Chloromethane	1.294	50	80030	50.158	ug/l	100
4) Vinyl Chloride	1.374	62	79452	51.310	ug/l	97
5) Bromomethane	1.618	94	49708	55.871	ug/l	97
6) Chloroethane	1.691	64	41265	43.105	ug/l	99
7) Trichlorofluoromethane	1.886	101	113522	45.207	ug/l	97
8) Diethyl Ether	2.136	74	47162	57.359	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	72455	50.066	ug/l	94
10) Methyl Iodide	2.453	142	100027	49.266	ug/l	93
11) Tert butyl alcohol	3.008	59	72976m	218.267	ug/l	
12) 1,1-Dichloroethene	2.319	96	70118	47.144	ug/l	92
13) Acrolein	2.239	56	146465	474.787	ug/l	100
14) Allyl chloride	2.666	41	126610	45.133	ug/l	89
15) Acrylonitrile	3.069	53	211974	240.902	ug/l	99
16) Acetone	2.392	43	170297	243.136	ug/l	95
17) Carbon Disulfide	2.514	76	163509	43.678	ug/l	99
18) Methyl Acetate	2.703	43	128040	47.670	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	248013	48.011	ug/l	99
20) Methylene Chloride	2.788	84	85079	50.885	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	77590	44.624	ug/l	99
22) Diisopropyl ether	3.757	45	255774	45.317	ug/l	95
23) Vinyl Acetate	3.721	43	993376	233.795	ug/l	99
24) 1,1-Dichloroethane	3.611	63	138287	44.782	ug/l	100
25) 2-Butanone	4.562	43	280629	223.161	ug/l	98
26) 2,2-Dichloropropane	4.477	77	89555	40.487	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	92261	46.154	ug/l	96
28) Bromochloromethane	4.891	49	64991	46.204	ug/l	95
29) Tetrahydrofuran	5.007	42	187040	235.992	ug/l	98
30) Chloroform	5.093	83	143833	45.477	ug/l	99
31) Cyclohexane	5.471	56	119430	42.170	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	120747	44.715	ug/l	99
36) 1,1-Dichloropropene	5.690	75	103832	43.361	ug/l	99
37) Ethyl Acetate	4.715	43	114510	50.124	ug/l	100
38) Carbon Tetrachloride	5.678	117	108551	43.769	ug/l	96
39) Methylcyclohexane	7.379	83	125267	42.361	ug/l	98
40) Benzene	6.037	78	317402	45.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	65573	49.693	ug/l	98
42) 1,2-Dichloroethane	6.086	62	109642	44.327	ug/l	99
43) Isopropyl Acetate	6.336	43	173804	45.977	ug/l	97
44) Trichloroethene	7.123	130	92558	47.423	ug/l	98
45) 1,2-Dichloropropane	7.428	63	81511	46.620	ug/l	100
46) Dibromomethane	7.580	93	57864	47.381	ug/l	97
47) Bromodichloromethane	7.818	83	109147	46.375	ug/l	100
48) Methyl methacrylate	7.690	41	89529	47.015	ug/l	97
49) 1,4-Dioxane	7.726	88	41145	976.807	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	561692	241.937	ug/l	99
52) Toluene	8.720	92	208436	46.244	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111191	47.241	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125486	47.580	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	84699	47.473	ug/l	98
56) Ethyl methacrylate	9.116	69	125802	50.103	ug/l	98
57) 1,3-Dichloropropane	9.305	76	140133	48.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	284992	230.466	ug/l	98
59) 2-Hexanone	9.433	43	409267	253.275	ug/l	99
60) Dibromochloromethane	9.519	129	93310	50.446	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89110	50.046	ug/l	97
64) Tetrachloroethene	9.275	164	82980	48.997	ug/l	98
65) Chlorobenzene	10.079	112	231312	46.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	87251	47.638	ug/l	99
67) Ethyl Benzene	10.195	91	394045	46.116	ug/l	100
68) m/p-Xylenes	10.299	106	315549	94.415	ug/l	99
69) o-Xylene	10.640	106	154743	46.687	ug/l	100
70) Styrene	10.653	104	259811	48.199	ug/l	99
71) Bromoform	10.799	173	72905	47.503	ug/l #	98
73) Isopropylbenzene	10.963	105	401051	48.189	ug/l	99
74) N-amyl acetate	10.842	43	150458	45.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	122285	50.376	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110110m	47.473	ug/l	
77) Bromobenzene	11.195	156	109563	48.827	ug/l	99
78) n-propylbenzene	11.305	91	448262	43.517	ug/l	99
79) 2-Chlorotoluene	11.366	91	267485	47.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	333106	43.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32675	43.783	ug/l	98
82) 4-Chlorotoluene	11.457	91	304275	47.633	ug/l	99
83) tert-Butylbenzene	11.713	119	342007	45.346	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	333956	46.477	ug/l	100
85) sec-Butylbenzene	11.890	105	414627	45.962	ug/l	99
86) p-Isopropyltoluene	12.006	119	357556	46.295	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	196830	46.145	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	197992	45.566	ug/l	100
89) n-Butylbenzene	12.329	91	285049	45.113	ug/l	99
90) Hexachloroethane	12.536	117	56959	44.833	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	193202	46.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23771	46.146	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	133583	48.181	ug/l	99
94) Hexachlorobutadiene	13.725	225	60152	44.290	ug/l	99
95) Naphthalene	13.774	128	390186	48.917	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133375	48.076	ug/l	99

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

