

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034938.D
 Acq On : 03 Apr 2023 17:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 21:40:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	284259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220216	50.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.320%			
35) Dibromofluoromethane	5.385	113	159491	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.647	98	586309	49.578	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.160%			
62) 4-Bromofluorobenzene	11.079	95	230364	50.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	156289	55.125	ug/l	99
3) Chloromethane	1.294	50	179690	50.620	ug/l	99
4) Vinyl Chloride	1.373	62	177329	50.453	ug/l	100
5) Bromomethane	1.611	94	93495	40.936	ug/l	99
6) Chloroethane	1.684	64	97158	42.487	ug/l	100
7) Trichlorofluoromethane	1.886	101	254657	45.068	ug/l	100
8) Diethyl Ether	2.129	74	100537	50.470	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	151885	51.428	ug/l	99
10) Methyl Iodide	2.453	142	171325	46.583	ug/l	92
11) Tert butyl alcohol	2.983	59	202252m	265.160	ug/l	
12) 1,1-Dichloroethene	2.318	96	144974	49.679	ug/l	92
13) Acrolein	2.233	56	195250	248.668	ug/l	99
14) Allyl chloride	2.666	41	292500	51.162	ug/l	96
15) Acrylonitrile	3.062	53	461195	268.619	ug/l	98
16) Acetone	2.386	43	446204	252.659	ug/l	98
17) Carbon Disulfide	2.514	76	335318	45.879	ug/l	100
18) Methyl Acetate	2.703	43	350798	55.906	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	553113	51.193	ug/l	98
20) Methylene Chloride	2.788	84	163775	46.995	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	155766	48.942	ug/l	96
22) Diisopropyl ether	3.757	45	591138	51.244	ug/l	97
23) Vinyl Acetate	3.721	43	2226545	270.633	ug/l	98
24) 1,1-Dichloroethane	3.611	63	313299	50.477	ug/l	99
25) 2-Butanone	4.556	43	678876	264.264	ug/l	99
26) 2,2-Dichloropropane	4.477	77	251690	49.310	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	185194	49.107	ug/l	97
28) Bromochloromethane	4.897	49	146909	48.386	ug/l	99
29) Tetrahydrofuran	5.007	42	439480	273.084	ug/l	98
30) Chloroform	5.092	83	320241	50.798	ug/l	100
31) Cyclohexane	5.470	56	269857	50.978	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	284073	52.804	ug/l	100
36) 1,1-Dichloropropene	5.696	75	235063	49.521	ug/l	98
37) Ethyl Acetate	4.714	43	268178	54.032	ug/l	100
38) Carbon Tetrachloride	5.678	117	236379	52.819	ug/l	96
39) Methylcyclohexane	7.379	83	250288	49.655	ug/l	95
40) Benzene	6.037	78	668861	49.087	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	154919	57.394	ug/l	95
42) 1,2-Dichloroethane	6.086	62	275328	50.824	ug/l	99
43) Isopropyl Acetate	6.336	43	442007	53.230	ug/l	100
44) Trichloroethene	7.122	130	170953	49.149	ug/l	96
45) 1,2-Dichloropropane	7.427	63	177921	50.108	ug/l	100
46) Dibromomethane	7.580	93	120199	49.200	ug/l	99
47) Bromodichloromethane	7.824	83	239115	52.987	ug/l	98
48) Methyl methacrylate	7.689	41	224064	54.945	ug/l	97
49) 1,4-Dioxane	7.689	88	86743	1032.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1332040	271.047	ug/l	99
52) Toluene	8.720	92	427214	48.086	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	261424	53.850	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	281722	53.028	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	170007	50.559	ug/l	99
56) Ethyl methacrylate	9.116	69	281230	53.380	ug/l	98
57) 1,3-Dichloropropane	9.305	76	299785	50.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	746083	278.125	ug/l	99
59) 2-Hexanone	9.427	43	1005947	270.629	ug/l	99
60) Dibromochloromethane	9.518	129	172813	53.951	ug/l	100
61) 1,2-Dibromoethane	9.610	107	178092	50.933	ug/l	100
64) Tetrachloroethene	9.275	164	142551	46.342	ug/l	97
65) Chlorobenzene	10.079	112	446421	49.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	165674	53.875	ug/l	98
67) Ethyl Benzene	10.195	91	821799	50.725	ug/l	99
68) m/p-Xylenes	10.299	106	619145	100.046	ug/l	98
69) o-Xylene	10.640	106	307463	50.715	ug/l	99
70) Styrene	10.652	104	510598	52.759	ug/l	99
71) Bromoform	10.799	173	116155	55.536	ug/l	100
73) Isopropylbenzene	10.963	105	788815	51.571	ug/l	99
74) N-amyl acetate	10.841	43	384960	55.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	259593	51.782	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	218942m	52.036	ug/l	
77) Bromobenzene	11.201	156	185563	48.961	ug/l	97
78) n-propylbenzene	11.305	91	907120	51.337	ug/l	99
79) 2-Chlorotoluene	11.366	91	566456	50.774	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	663648	51.892	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73277	52.194	ug/l	90
82) 4-Chlorotoluene	11.457	91	650943	50.245	ug/l	100
83) tert-Butylbenzene	11.713	119	646899	53.866	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	665447	51.166	ug/l	99
85) sec-Butylbenzene	11.890	105	756646	51.789	ug/l	99
86) p-Isopropyltoluene	12.006	119	640272	52.556	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	349368	50.617	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	352252	48.863	ug/l	99
89) n-Butylbenzene	12.335	91	546045	51.301	ug/l	99
90) Hexachloroethane	12.536	117	102494	54.301	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	343842	49.740	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60817	58.119	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	201951	51.653	ug/l	98
94) Hexachlorobutadiene	13.725	225	80077	46.567	ug/l	99
95) Naphthalene	13.774	128	744849	53.616	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	202428	51.342	ug/l	99

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

