

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034661.D
 Acq On : 22 Mar 2023 09:01
 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 23 07:51:25 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 :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	298280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	496869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	231385	53.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.640%			
35) Dibromofluoromethane	5.379	113	149332	45.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.040%			
50) Toluene-d8	8.647	98	553589	45.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.400%#			
62) 4-Bromofluorobenzene	11.079	95	231234	46.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	159725	57.440	ug/l	99
3) Chloromethane	1.301	50	215007	51.072	ug/l	98
4) Vinyl Chloride	1.374	62	208065	54.952	ug/l	97
5) Bromomethane	1.599	94	98560	51.592	ug/l	97
6) Chloroethane	1.679	64	131197	60.181	ug/l	96
7) Trichlorofluoromethane	1.886	101	309397	54.382	ug/l	100
8) Diethyl Ether	2.130	74	115376	55.553	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	172617	52.062	ug/l	98
10) Methyl Iodide	2.447	142	195760	44.971	ug/l	97
11) Tert butyl alcohol	2.953	59	190619	210.945	ug/l	99
12) 1,1-Dichloroethene	2.319	96	166305	50.930	ug/l	94
13) Acrolein	2.233	56	158778	222.108	ug/l	99
14) Allyl chloride	2.660	41	306675	46.325	ug/l	98
15) Acrylonitrile	3.056	53	464071	237.737	ug/l	99
16) Acetone	2.374	43	506974	248.023	ug/l	98
17) Carbon Disulfide	2.508	76	407506	44.345	ug/l	99
18) Methyl Acetate	2.697	43	335871	50.288	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	558808	47.796	ug/l	98
20) Methylene Chloride	2.788	84	181774	45.820	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	168959	48.722	ug/l	98
22) Diisopropyl ether	3.757	45	614508	48.686	ug/l	90
23) Vinyl Acetate	3.715	43	2335553	243.133	ug/l	99
24) 1,1-Dichloroethane	3.605	63	322844	47.582	ug/l	99
25) 2-Butanone	4.550	43	774144	264.686	ug/l	100
26) 2,2-Dichloropropane	4.471	77	329377	55.848	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	216668	51.902	ug/l	96
28) Bromochloromethane	4.891	49	147511	46.758	ug/l	99
29) Tetrahydrofuran	4.995	42	427139	236.675	ug/l	100
30) Chloroform	5.086	83	330803	49.738	ug/l	99
31) Cyclohexane	5.464	56	297797	48.933	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	290147	49.280	ug/l	100
36) 1,1-Dichloropropene	5.690	75	247126	49.045	ug/l	99
37) Ethyl Acetate	4.708	43	276116	50.160	ug/l	100
38) Carbon Tetrachloride	5.672	117	246893	49.254	ug/l	99
39) Methylcyclohexane	7.373	83	297101	49.271	ug/l	97
40) Benzene	6.031	78	771789	52.359	ug/l	98

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41) Methacrylonitrile	4.910	41	149673	49.614	ug/l	98
42) 1,2-Dichloroethane	6.080	62	325035	59.999	ug/l	98
43) Isopropyl Acetate	6.330	43	493316	52.901	ug/l	100
44) Trichloroethene	7.123	130	184590	48.197	ug/l	100
45) 1,2-Dichloropropane	7.421	63	188139	48.883	ug/l	98
46) Dibromomethane	7.580	93	128505	49.112	ug/l	100
47) Bromodichloromethane	7.818	83	253214	50.002	ug/l	98
48) Methyl methacrylate	7.690	41	222640	49.641	ug/l	98
49) 1,4-Dioxane	7.653	88	93935	997.172	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1349382	249.438	ug/l	99
52) Toluene	8.714	92	459378	50.338	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	316841	55.536	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	306347	49.632	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	194604	53.733	ug/l	99
56) Ethyl methacrylate	9.116	69	318846	53.620	ug/l	97
57) 1,3-Dichloropropane	9.305	76	340749	52.938	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	663138	216.391	ug/l	100
59) 2-Hexanone	9.427	43	1106670	264.641	ug/l	99
60) Dibromochloromethane	9.519	129	190203	50.074	ug/l	99
61) 1,2-Dibromoethane	9.610	107	195189	49.943	ug/l	100
64) Tetrachloroethene	9.275	164	163601	53.633	ug/l	97
65) Chlorobenzene	10.079	112	488868	49.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	179486	49.462	ug/l	99
67) Ethyl Benzene	10.195	91	901121	50.521	ug/l	100
68) m/p-Xylenes	10.299	106	688895	100.542	ug/l	99
69) o-Xylene	10.640	106	338891	49.286	ug/l	99
70) Styrene	10.653	104	564450	50.880	ug/l	99
71) Bromoform	10.799	173	135037	48.344	ug/l	100
73) Isopropylbenzene	10.963	105	888669	47.387	ug/l	99
74) N-amyl acetate	10.842	43	426629	47.497	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	291082	46.514	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	246564m	44.256	ug/l	
77) Bromobenzene	11.195	156	214095	47.584	ug/l	99
78) n-propylbenzene	11.305	91	1061362	49.005	ug/l	100
79) 2-Chlorotoluene	11.366	91	644380	48.174	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	763860	48.562	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	92408	44.871	ug/l	96
82) 4-Chlorotoluene	11.451	91	758000	49.198	ug/l	99
83) tert-Butylbenzene	11.713	119	747165	47.112	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	776507	48.303	ug/l	98
85) sec-Butylbenzene	11.890	105	931082	48.022	ug/l	100
86) p-Isopropyltoluene	12.006	119	788999	48.419	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	412772	46.822	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	414883	46.542	ug/l	99
89) n-Butylbenzene	12.329	91	712420	49.179	ug/l	99
90) Hexachloroethane	12.536	117	138482	45.928	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	407506	47.832	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	67316	47.346	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	275931	51.792	ug/l	99
94) Hexachlorobutadiene	13.725	225	110892	51.665	ug/l	100
95) Naphthalene	13.774	128	920393	51.517	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	268065	51.473	ug/l	99

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

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