

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034559.D
 Acq On : 17 Mar 2023 02:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 17 07:49:26 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 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	252542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	435198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	207578	56.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.000%			
35) Dibromofluoromethane	5.385	113	158730	55.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.480%			
50) Toluene-d8	8.647	98	575498	53.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.300%			
62) 4-Bromofluorobenzene	11.079	95	232830	53.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	105982	45.016	ug/l	100
3) Chloromethane	1.307	50	158085	44.174	ug/l	99
4) Vinyl Chloride	1.374	62	153516	47.888	ug/l	97
5) Bromomethane	1.599	94	80861	49.993	ug/l	95
6) Chloroethane	1.678	64	99684	54.007	ug/l	98
7) Trichlorofluoromethane	1.886	101	247694	51.422	ug/l	100
8) Diethyl Ether	2.136	74	97469	55.431	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	131361	46.794	ug/l	99
10) Methyl Iodide	2.453	142	190619	51.720	ug/l	97
11) Tert butyl alcohol	2.959	59	208973	273.139	ug/l	99
12) 1,1-Dichloroethene	2.319	96	130886	47.343	ug/l	98
13) Acrolein	2.233	56	178947	295.658	ug/l	100
14) Allyl chloride	2.660	41	262629	46.856	ug/l	97
15) Acrylonitrile	3.062	53	453527	274.414	ug/l	99
16) Acetone	2.380	43	400986	231.700	ug/l	100
17) Carbon Disulfide	2.508	76	307556	39.530	ug/l	99
18) Methyl Acetate	2.703	43	307917	54.452	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	519918	52.523	ug/l	99
20) Methylene Chloride	2.788	84	160821	47.881	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	143564	48.897	ug/l	96
22) Diisopropyl ether	3.757	45	559991	52.402	ug/l	99
23) Vinyl Acetate	3.721	43	2172861	267.163	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290544	50.577	ug/l	100
25) 2-Butanone	4.550	43	653985	264.099	ug/l	98
26) 2,2-Dichloropropane	4.477	77	199577	39.968	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	177585	50.244	ug/l	98
28) Bromochloromethane	4.897	49	117083	43.834	ug/l	98
29) Tetrahydrofuran	5.001	42	419335	274.432	ug/l	99
30) Chloroform	5.092	83	302305	53.686	ug/l	95
31) Cyclohexane	5.464	56	236181	45.837	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	255242	51.203	ug/l	99
36) 1,1-Dichloropropene	5.690	75	207407	46.996	ug/l	99
37) Ethyl Acetate	4.708	43	254196	52.722	ug/l	99
38) Carbon Tetrachloride	5.678	117	212342	48.364	ug/l	99
39) Methylcyclohexane	7.379	83	233105	44.136	ug/l	95
40) Benzene	6.037	78	627254	48.584	ug/l	100

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41) Methacrylonitrile	4.916	41	145311	54.994	ug/l	98
42) 1,2-Dichloroethane	6.086	62	254779	53.695	ug/l	98
43) Isopropyl Acetate	6.336	43	427752	52.370	ug/l	100
44) Trichloroethene	7.123	130	157813	47.045	ug/l	99
45) 1,2-Dichloropropane	7.427	63	171434	50.855	ug/l	99
46) Dibromomethane	7.580	93	115966	50.600	ug/l	99
47) Bromodichloromethane	7.818	83	228013	51.406	ug/l	98
48) Methyl methacrylate	7.690	41	212868	54.188	ug/l	98
49) 1,4-Dioxane	7.659	88	94783	1148.756	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1332099	281.138	ug/l	98
52) Toluene	8.720	92	400682	50.128	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	252526	50.535	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	266317	49.261	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	167462	52.791	ug/l	98
56) Ethyl methacrylate	9.116	69	278712	53.512	ug/l	97
57) 1,3-Dichloropropane	9.305	76	296189	52.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	685888	255.531	ug/l	100
59) 2-Hexanone	9.427	43	1015788	277.330	ug/l	98
60) Dibromochloromethane	9.518	129	176286	52.987	ug/l	100
61) 1,2-Dibromoethane	9.610	107	178434	52.126	ug/l	99
64) Tetrachloroethene	9.275	164	131035	48.086	ug/l	99
65) Chlorobenzene	10.079	112	426922	47.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162936	50.262	ug/l	100
67) Ethyl Benzene	10.195	91	786609	49.366	ug/l	99
68) m/p-Xylenes	10.299	106	590143	96.412	ug/l	98
69) o-Xylene	10.640	106	297610	48.449	ug/l	98
70) Styrene	10.652	104	495431	49.990	ug/l	99
71) Bromoform	10.799	173	124628	49.944	ug/l #	99
73) Isopropylbenzene	10.963	105	776036	49.254	ug/l	99
74) N-amyl acetate	10.841	43	395743	52.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	271936	51.722	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	228615m	48.841	ug/l	
77) Bromobenzene	11.195	156	186258	49.272	ug/l	99
78) n-propylbenzene	11.305	91	906894	49.840	ug/l	99
79) 2-Chlorotoluene	11.366	91	560042	49.835	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	670275	50.719	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76686	44.321	ug/l	93
82) 4-Chlorotoluene	11.451	91	656046	50.682	ug/l	99
83) tert-Butylbenzene	11.713	119	664781	49.892	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	674844	49.966	ug/l	99
85) sec-Butylbenzene	11.890	105	816324	50.113	ug/l	99
86) p-Isopropyltoluene	12.006	119	684680	50.011	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	358671	48.425	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	362777	48.440	ug/l	100
89) n-Butylbenzene	12.335	91	598033	49.137	ug/l	99
90) Hexachloroethane	12.536	117	124060	48.972	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	356466	49.801	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62002	51.905	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	215310	48.102	ug/l	99
94) Hexachlorobutadiene	13.725	225	83880	46.515	ug/l	100
95) Naphthalene	13.774	128	763241	50.849	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	214522	49.028	ug/l	99

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

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