

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038868.D
 Acq On : 17 Nov 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 17 22:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	162009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	295859	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	137785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123729	47.396	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.800%		
35) Dibromofluoromethane	5.379	113	101647	47.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.140%		
50) Toluene-d8	8.647	98	385929	47.206	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.420%		
62) 4-Bromofluorobenzene	11.079	95	152815	46.695	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	98022	51.854	ug/l	97
3) Chloromethane	1.294	50	109909	44.546	ug/l	98
4) Vinyl Chloride	1.374	62	115086	48.423	ug/l	100
5) Bromomethane	1.599	94	61709	62.798	ug/l	100
6) Chloroethane	1.685	64	67884	50.050	ug/l	99
7) Trichlorofluoromethane	1.886	101	151587	50.263	ug/l	100
8) Diethyl Ether	2.130	74	62455	47.546	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	94888	47.443	ug/l	98
10) Methyl Iodide	2.453	142	112389	46.168	ug/l	89
11) Tert butyl alcohol	2.953	59	167685	230.949	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	94594	46.846	ug/l	87
13) Acrolein	2.233	56	103934	270.566	ug/l	98
14) Allyl chloride	2.660	41	186165	46.048	ug/l	92
15) Acrylonitrile	3.056	53	351488	229.105	ug/l	99
16) Acetone	2.373	43	383089	275.666	ug/l #	89
17) Carbon Disulfide	2.508	76	267379	42.748	ug/l	99
18) Methyl Acetate	2.697	43	302648	45.850	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	337199	47.479	ug/l	98
20) Methylene Chloride	2.788	84	112570	44.936	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	103423	46.419	ug/l	94
22) Diisopropyl ether	3.751	45	353113	47.611	ug/l	95
23) Vinyl Acetate	3.715	43	1275298	238.754	ug/l	98
24) 1,1-Dichloroethane	3.605	63	193944	46.762	ug/l	99
25) 2-Butanone	4.544	43	530575	235.438	ug/l	96
26) 2,2-Dichloropropane	4.471	77	170642	47.432	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	120739	46.491	ug/l	95
28) Bromochloromethane	4.891	49	98432	49.432	ug/l	99
29) Tetrahydrofuran	4.995	42	333701	233.213	ug/l	96
30) Chloroform	5.086	83	192856	47.620	ug/l	100
31) Cyclohexane	5.464	56	172841	46.373	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	165375m	47.144	ug/l	
36) 1,1-Dichloropropene	5.684	75	143291	46.789	ug/l	98
37) Ethyl Acetate	4.702	43	187070	46.885	ug/l	97
38) Carbon Tetrachloride	5.672	117	140600	49.675	ug/l	96
39) Methylcyclohexane	7.379	83	186868	46.779	ug/l	97
40) Benzene	6.031	78	430539	47.532	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	95949	46.366	ug/l	92
42) 1,2-Dichloroethane	6.080	62	146014	48.655	ug/l	97
43) Isopropyl Acetate	6.330	43	304885	47.814	ug/l	97
44) Trichloroethene	7.123	130	106988	48.526	ug/l	98
45) 1,2-Dichloropropane	7.427	63	117977	48.400	ug/l	99
46) Dibromomethane	7.574	93	79339	48.808	ug/l	98
47) Bromodichloromethane	7.818	83	153686	47.635	ug/l	99
48) Methyl methacrylate	7.690	41	140577	45.438	ug/l	92
49) 1,4-Dioxane	7.653	88	59765	998.515	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	972371	238.622	ug/l	98
52) Toluene	8.714	92	269715	47.984	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	183107	47.758	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	192004	48.481	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	112813	48.101	ug/l	92
56) Ethyl methacrylate	9.110	69	189827	47.836	ug/l	96
57) 1,3-Dichloropropane	9.305	76	185245	47.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	462928	250.424	ug/l	96
59) 2-Hexanone	9.427	43	793966	243.087	ug/l	96
60) Dibromochloromethane	9.519	129	115742	48.535	ug/l	100
61) 1,2-Dibromoethane	9.610	107	118811	48.276	ug/l	99
64) Tetrachloroethene	9.269	164	81217	47.879	ug/l	96
65) Chlorobenzene	10.079	112	282634	48.079	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	102266	48.362	ug/l	98
67) Ethyl Benzene	10.189	91	525169	48.625	ug/l	100
68) m/p-Xylenes	10.299	106	394746	96.620	ug/l	99
69) o-Xylene	10.640	106	194866	48.203	ug/l	99
70) Styrene	10.652	104	327594	47.983	ug/l	98
71) Bromoform	10.799	173	87109	49.414	ug/l #	100
73) Isopropylbenzene	10.963	105	504505	46.995	ug/l	98
74) N-amyl acetate	10.841	43	271313	47.809	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	192737	45.991	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	165303m	48.085	ug/l	
77) Bromobenzene	11.195	156	113237	46.943	ug/l	96
78) n-propylbenzene	11.305	91	630514	47.715	ug/l	98
79) 2-Chlorotoluene	11.360	91	362400	46.212	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	432719	47.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	73251	47.263	ug/l #	79
82) 4-Chlorotoluene	11.451	91	426144	47.128	ug/l	99
83) tert-Butylbenzene	11.713	119	424740	47.778	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	435209	47.635	ug/l	98
85) sec-Butylbenzene	11.890	105	555867	47.803	ug/l	99
86) p-Isopropyltoluene	12.006	119	446277	47.809	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	224143	47.451	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	224522	46.440	ug/l	100
89) n-Butylbenzene	12.329	91	451343	47.923	ug/l	97
90) Hexachloroethane	12.536	117	89211	47.857	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	215390	48.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	49176	47.895	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	143575	47.822	ug/l	96
94) Hexachlorobutadiene	13.725	225	51359	48.306	ug/l	99
95) Naphthalene	13.774	128	521044	46.598	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136361	47.912	ug/l	98

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

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