

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035825.D
 Acq On : 24 May 2023 10:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 05:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	195999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	337317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	148150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	139531	40.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.620%		
35) Dibromofluoromethane	5.379	113	109947	48.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.660%		
50) Toluene-d8	8.647	98	396811	47.218	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.440%		
62) 4-Bromofluorobenzene	11.079	95	156242	46.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	116656	45.669	ug/l	100
3) Chloromethane	1.294	50	125288	40.417	ug/l	100
4) Vinyl Chloride	1.374	62	125930	47.869	ug/l	98
5) Bromomethane	1.618	94	77751	54.571	ug/l	97
6) Chloroethane	1.691	64	76156	47.719	ug/l	98
7) Trichlorofluoromethane	1.886	101	197683	51.105	ug/l	98
8) Diethyl Ether	2.130	74	73827	49.570	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	116297	50.639	ug/l	99
10) Methyl Iodide	2.453	142	129695	63.143	ug/l	96
11) Tert butyl alcohol	3.087	59	140580	233.037	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	110933	50.824	ug/l	94
13) Acrolein	2.245	56	199493	278.627	ug/l	99
14) Allyl chloride	2.660	41	220212	47.093	ug/l	97
15) Acrylonitrile	3.075	53	364654	274.511	ug/l	99
16) Acetone	2.410	43	317183	215.830	ug/l	100
17) Carbon Disulfide	2.514	76	262440	49.820	ug/l	100
18) Methyl Acetate	2.709	43	303701	56.035	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	408867	47.074	ug/l	98
20) Methylene Chloride	2.788	84	131039	49.199	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	121195	50.673	ug/l	98
22) Diisopropyl ether	3.757	45	444180	48.515	ug/l	95
23) Vinyl Acetate	3.721	43	1563968	241.423	ug/l	100
24) 1,1-Dichloroethane	3.605	63	237893	48.584	ug/l	99
25) 2-Butanone	4.568	43	536341	263.639	ug/l	99
26) 2,2-Dichloropropane	4.471	77	196033	47.277	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	142891	49.698	ug/l	99
28) Bromochloromethane	4.891	49	101125	45.915	ug/l	99
29) Tetrahydrofuran	5.019	42	341460	267.042	ug/l	98
30) Chloroform	5.086	83	239649	47.762	ug/l	99
31) Cyclohexane	5.470	56	206631	47.831	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	207114	47.442	ug/l	100
36) 1,1-Dichloropropene	5.690	75	177685	49.484	ug/l	99
37) Ethyl Acetate	4.715	43	199531	53.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	171319	50.366	ug/l	97
39) Methylcyclohexane	7.379	83	220169	52.089	ug/l	97
40) Benzene	6.031	78	514175	51.186	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113108	50.864	ug/l	98
42) 1,2-Dichloroethane	6.086	62	195906	45.337	ug/l	100
43) Isopropyl Acetate	6.336	43	334423	51.206	ug/l	100
44) Trichloroethene	7.123	130	132796	52.137	ug/l	96
45) 1,2-Dichloropropane	7.427	63	138582	52.090	ug/l	98
46) Dibromomethane	7.580	93	93123	51.136	ug/l	98
47) Bromodichloromethane	7.818	83	179769	51.072	ug/l	98
48) Methyl methacrylate	7.690	41	162399	50.386	ug/l	99
49) 1,4-Dioxane	7.763	88	64635m	989.775	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	1029520	273.625	ug/l	99
52) Toluene	8.720	92	322816	50.910	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	201970	52.814	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	217248	53.023	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	131095	52.638	ug/l	98
56) Ethyl methacrylate	9.116	69	210274	52.136	ug/l	99
57) 1,3-Dichloropropane	9.305	76	230096	50.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	523090	254.950	ug/l	100
59) 2-Hexanone	9.427	43	797792	281.553	ug/l	99
60) Dibromochloromethane	9.519	129	130826	55.108	ug/l	100
61) 1,2-Dibromoethane	9.610	107	139686	53.234	ug/l	99
64) Tetrachloroethene	9.269	164	108089	54.515	ug/l	95
65) Chlorobenzene	10.079	112	340901	53.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	122207	53.761	ug/l	98
67) Ethyl Benzene	10.189	91	631926	52.265	ug/l	95
68) m/p-Xylenes	10.299	106	471055	105.401	ug/l	100
69) o-Xylene	10.640	106	232378	52.399	ug/l	99
70) Styrene	10.652	104	383704	53.684	ug/l	100
71) Bromoform	10.799	173	87348	58.401	ug/l #	99
73) Isopropylbenzene	10.963	105	612530	49.066	ug/l	100
74) N-amyl acetate	10.841	43	288048	49.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	206241	50.928	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	175076m	48.313	ug/l	
77) Bromobenzene	11.195	156	142586	50.322	ug/l	99
78) n-propylbenzene	11.305	91	740281	50.445	ug/l	99
79) 2-Chlorotoluene	11.360	91	431570	46.972	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	519341	48.946	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	62046	55.181	ug/l	96
82) 4-Chlorotoluene	11.451	91	501927	47.436	ug/l	100
83) tert-Butylbenzene	11.713	119	511127	49.558	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	523073	49.098	ug/l	99
85) sec-Butylbenzene	11.890	105	656721	50.714	ug/l	99
86) p-Isopropyltoluene	12.006	119	551534	51.806	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	275051	51.099	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	277053	50.972	ug/l	99
89) n-Butylbenzene	12.329	91	515085	53.186	ug/l	98
90) Hexachloroethane	12.536	117	89172	55.262	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	270356	51.291	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43130	47.827	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	174515	54.986	ug/l	99
94) Hexachlorobutadiene	13.725	225	71310	56.606	ug/l	99
95) Naphthalene	13.774	128	585334	53.854	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166296	53.276	ug/l	99

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

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Misc : 5.0mL/MSVOA_X/WATER
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