

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035652.D
 Acq On : 15 May 2023 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 16 04:50:53 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	212233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	378931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186155	50.278	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.560%			
35) Dibromofluoromethane	5.379	113	127516	49.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	8.647	98	445302	47.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.340%			
62) 4-Bromofluorobenzene	11.079	95	188300	49.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122160	44.166	ug/l	100
3) Chloromethane	1.294	50	132731	39.543	ug/l	100
4) Vinyl Chloride	1.374	62	123368	43.308	ug/l	97
5) Bromomethane	1.618	94	76593	49.646	ug/l	96
6) Chloroethane	1.691	64	77427	44.804	ug/l	100
7) Trichlorofluoromethane	1.886	101	184975	44.162	ug/l	98
8) Diethyl Ether	2.130	74	77540	48.081	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	111890	44.993	ug/l	97
10) Methyl Iodide	2.453	142	117219	52.703	ug/l	90
11) Tert butyl alcohol	3.026	59	156508	239.596	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	105491	44.634	ug/l	91
13) Acrolein	2.239	56	179932	232.084	ug/l	99
14) Allyl chloride	2.666	41	234429	46.299	ug/l	94
15) Acrylonitrile	3.068	53	358501	249.236	ug/l	99
16) Acetone	2.398	43	473263	297.403	ug/l	95
17) Carbon Disulfide	2.514	76	254705	44.653	ug/l	100
18) Methyl Acetate	2.703	43	291589	49.685	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	458860	48.788	ug/l	99
20) Methylene Chloride	2.788	84	133811	46.397	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	118476	45.747	ug/l	91
22) Diisopropyl ether	3.751	45	473266	47.738	ug/l	93
23) Vinyl Acetate	3.721	43	1746408	248.964	ug/l	98
24) 1,1-Dichloroethane	3.605	63	249661	47.087	ug/l	98
25) 2-Butanone	4.562	43	577482	262.149	ug/l	100
26) 2,2-Dichloropropane	4.471	77	212688	47.370	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	147857	47.492	ug/l	94
28) Bromochloromethane	4.891	49	125091	52.452	ug/l	97
29) Tetrahydrofuran	5.007	42	331351	239.314	ug/l	99
30) Chloroform	5.093	83	259095	47.688	ug/l	100
31) Cyclohexane	5.471	56	202783	43.350	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	218443	46.209	ug/l	98
36) 1,1-Dichloropropene	5.690	75	177597	44.028	ug/l	97
37) Ethyl Acetate	4.708	43	205507	48.845	ug/l	100
38) Carbon Tetrachloride	5.672	117	177600	46.478	ug/l	98
39) Methylcyclohexane	7.379	83	209641	44.151	ug/l	93
40) Benzene	6.037	78	517021	45.817	ug/l	99

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41) Methacrylonitrile	4.910	41	120147	48.096	ug/l	97
42) 1,2-Dichloroethane	6.080	62	233895	48.184	ug/l	97
43) Isopropyl Acetate	6.336	43	356771	48.629	ug/l	100
44) Trichloroethene	7.123	130	129642	45.309	ug/l	93
45) 1,2-Dichloropropane	7.427	63	142425	47.655	ug/l	99
46) Dibromomethane	7.580	93	99865	48.816	ug/l	94
47) Bromodichloromethane	7.818	83	198953	50.315	ug/l	98
48) Methyl methacrylate	7.690	41	178151	49.203	ug/l	96
49) 1,4-Dioxane	7.726	88	65749	887.909	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	1042464	246.638	ug/l	98
52) Toluene	8.714	92	325383	45.679	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	226461	52.715	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	235639	51.195	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	138242	49.412	ug/l	99
56) Ethyl methacrylate	9.116	69	222723	49.158	ug/l	95
57) 1,3-Dichloropropane	9.305	76	244098	48.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	594566	257.963	ug/l	99
59) 2-Hexanone	9.427	43	822327	258.341	ug/l	98
60) Dibromochloromethane	9.519	129	141418	53.028	ug/l	100
61) 1,2-Dibromoethane	9.604	107	144089	48.882	ug/l	100
64) Tetrachloroethene	9.275	164	102643	45.148	ug/l	96
65) Chlorobenzene	10.079	112	345835	46.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	129469	49.672	ug/l	99
67) Ethyl Benzene	10.189	91	632514	45.624	ug/l	97
68) m/p-Xylenes	10.299	106	472673	92.238	ug/l	95
69) o-Xylene	10.640	106	233869	45.991	ug/l	94
70) Styrene	10.653	104	395333	48.238	ug/l	98
71) Bromoform	10.799	173	92143	53.729	ug/l #	100
73) Isopropylbenzene	10.963	105	610881	44.704	ug/l	98
74) N-amyl acetate	10.842	43	302632	47.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	210689	47.529	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183279m	46.205	ug/l	
77) Bromobenzene	11.195	156	142617	45.982	ug/l	92
78) n-propylbenzene	11.305	91	730820	45.496	ug/l	98
79) 2-Chlorotoluene	11.366	91	449254	44.671	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	531079	45.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64613	52.498	ug/l	91
82) 4-Chlorotoluene	11.451	91	532140	45.945	ug/l	97
83) tert-Butylbenzene	11.713	119	510633	45.231	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	537247	46.069	ug/l	97
85) sec-Butylbenzene	11.890	105	638121	45.018	ug/l	98
86) p-Isopropyltoluene	12.006	119	537735	46.144	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	273541	46.426	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	275589	46.320	ug/l	98
89) n-Butylbenzene	12.329	91	495301	46.723	ug/l	98
90) Hexachloroethane	12.536	117	86988	49.250	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	267794	46.414	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50678	51.340	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	168356	48.461	ug/l	97
94) Hexachlorobutadiene	13.725	225	65074	47.192	ug/l	97
95) Naphthalene	13.774	128	582917	48.996	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	162029	47.422	ug/l	99

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

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