

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035946.D
 Acq On : 01 Jun 2023 09:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 02 01:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	367079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168046	50.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.385	113	126279	51.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.300%			
50) Toluene-d8	8.647	98	456131	51.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.960%			
62) 4-Bromofluorobenzene	11.079	95	185152	52.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111045	49.147	ug/l	100
3) Chloromethane	1.294	50	118635	45.938	ug/l	99
4) Vinyl Chloride	1.374	62	111452	45.943	ug/l	97
5) Bromomethane	1.618	94	73404	45.942	ug/l	99
6) Chloroethane	1.691	64	69376	48.569	ug/l	97
7) Trichlorofluoromethane	1.886	101	157946	46.270	ug/l	97
8) Diethyl Ether	2.130	74	70619	47.636	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	100629	47.498	ug/l	99
10) Methyl Iodide	2.453	142	115262	46.218	ug/l	99
11) Tert butyl alcohol	3.056	59	140215m	235.114	ug/l	
12) 1,1-Dichloroethene	2.319	96	93842	45.233	ug/l	96
13) Acrolein	2.239	56	136781	238.107	ug/l	99
14) Allyl chloride	2.660	41	204600	47.974	ug/l	99
15) Acrylonitrile	3.069	53	336481	240.141	ug/l	99
16) Acetone	2.398	43	363765	262.570	ug/l	98
17) Carbon Disulfide	2.514	76	232935	44.807	ug/l	99
18) Methyl Acetate	2.709	43	260418	48.352	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	398122	48.988	ug/l	99
20) Methylene Chloride	2.788	84	120003	44.967	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	109987	46.377	ug/l	98
22) Diisopropyl ether	3.757	45	411160	49.565	ug/l	97
23) Vinyl Acetate	3.721	43	1497416	256.929	ug/l	99
24) 1,1-Dichloroethane	3.605	63	221782	48.204	ug/l	99
25) 2-Butanone	4.568	43	492761	248.506	ug/l	98
26) 2,2-Dichloropropane	4.471	77	175153	49.944	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	134349	47.200	ug/l	97
28) Bromochloromethane	4.891	49	120966	50.207	ug/l	94
29) Tetrahydrofuran	5.013	42	307968	241.014	ug/l	99
30) Chloroform	5.093	83	229956	48.524	ug/l	99
31) Cyclohexane	5.471	56	172976	49.197	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	192645	48.106	ug/l	99
36) 1,1-Dichloropropene	5.690	75	157594	47.873	ug/l	98
37) Ethyl Acetate	4.715	43	183129	49.951	ug/l	98
38) Carbon Tetrachloride	5.672	117	158585	49.434	ug/l	97
39) Methylcyclohexane	7.379	83	170452	49.626	ug/l	96
40) Benzene	6.031	78	473713	47.946	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	104603	50.295	ug/l	98
42) 1,2-Dichloroethane	6.080	62	192534	49.209	ug/l	98
43) Isopropyl Acetate	6.336	43	298112	49.453	ug/l	99
44) Trichloroethene	7.123	130	123205	48.070	ug/l	94
45) 1,2-Dichloropropane	7.428	63	126231	48.542	ug/l	100
46) Dibromomethane	7.580	93	88589	49.042	ug/l	97
47) Bromodichloromethane	7.818	83	173880	51.172	ug/l	99
48) Methyl methacrylate	7.690	41	147593	49.926	ug/l	95
49) 1,4-Dioxane	7.745	88	64814	957.290	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	925410	251.492	ug/l	98
52) Toluene	8.714	92	306582	49.357	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	187821	52.289	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203409	51.281	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	125360	48.440	ug/l	99
56) Ethyl methacrylate	9.116	69	194983	50.394	ug/l	96
57) 1,3-Dichloropropane	9.305	76	215583	48.405	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	498663	245.970	ug/l	98
59) 2-Hexanone	9.427	43	703986	258.778	ug/l	98
60) Dibromochloromethane	9.519	129	129256	51.450	ug/l	100
61) 1,2-Dibromoethane	9.610	107	132249	49.987	ug/l	100
64) Tetrachloroethene	9.269	164	99538	47.141	ug/l	96
65) Chlorobenzene	10.079	112	327894	48.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	121360	50.894	ug/l	99
67) Ethyl Benzene	10.195	91	586864	48.636	ug/l	100
68) m/p-Xylenes	10.299	106	447945	97.852	ug/l	95
69) o-Xylene	10.640	106	224397	48.780	ug/l	94
70) Styrene	10.653	104	376823	50.696	ug/l	98
71) Bromoform	10.799	173	86127	52.152	ug/l #	100
73) Isopropylbenzene	10.963	105	567119	48.743	ug/l	99
74) N-amyl acetate	10.842	43	258841	51.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	195202	49.046	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	163230m	45.202	ug/l	
77) Bromobenzene	11.195	156	136971	47.605	ug/l	97
78) n-propylbenzene	11.305	91	654559	49.846	ug/l	98
79) 2-Chlorotoluene	11.366	91	410883	48.045	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	483697	49.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	56424	52.630	ug/l	91
82) 4-Chlorotoluene	11.451	91	480207	48.922	ug/l	98
83) tert-Butylbenzene	11.713	119	459737	49.057	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	493035	48.975	ug/l	99
85) sec-Butylbenzene	11.890	105	558434	50.237	ug/l	99
86) p-Isopropyltoluene	12.006	119	482154	50.734	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262683	49.840	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	261602	47.117	ug/l	98
89) n-Butylbenzene	12.329	91	411818	51.291	ug/l	99
90) Hexachloroethane	12.536	117	77241	51.253	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	258105	49.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43320	52.742	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	154290	50.533	ug/l	98
94) Hexachlorobutadiene	13.725	225	54938	47.301	ug/l	97
95) Naphthalene	13.774	128	539241	50.743	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	149128	49.515	ug/l	99

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

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