

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035926.D
 Acq On : 31 May 2023 11:13
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 11:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 11:19:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	194069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159516	46.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.500%		
35) Dibromofluoromethane	5.385	113	121183	49.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	437212	48.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	176877	49.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96164	37.260	ug/l	99
3) Chloromethane	1.294	50	118065	44.367	ug/l	97
4) Vinyl Chloride	1.374	62	108211	42.333	ug/l	98
5) Bromomethane	1.617	94	73204	47.788	ug/l	96
6) Chloroethane	1.691	64	68072	47.661	ug/l	99
7) Trichlorofluoromethane	1.886	101	146584	38.213	ug/l	97
8) Diethyl Ether	2.130	74	69144	49.085	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	87377	38.430	ug/l	97
10) Methyl Iodide	2.453	142	120797	52.374	ug/l	100
11) Tert butyl alcohol	3.013	59	140242m	233.516	ug/l	
12) 1,1-Dichloroethene	2.318	96	92337	43.329	ug/l	97
13) Acrolein	2.239	56	132481	222.448	ug/l	99
14) Allyl chloride	2.666	41	203418	48.317	ug/l	97
15) Acrylonitrile	3.068	53	326253	237.492	ug/l	100
16) Acetone	2.392	43	318956	229.084	ug/l	96
17) Carbon Disulfide	2.514	76	231320	46.863	ug/l	99
18) Methyl Acetate	2.709	43	259389	48.250	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	389824	47.444	ug/l	99
20) Methylene Chloride	2.788	84	123468	38.489	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	108325	46.110	ug/l	97
22) Diisopropyl ether	3.757	45	396249	46.871	ug/l	95
23) Vinyl Acetate	3.721	43	1433747	243.455	ug/l	98
24) 1,1-Dichloroethane	3.611	63	216300	46.362	ug/l	99
25) 2-Butanone	4.562	43	470676	233.709	ug/l	98
26) 2,2-Dichloropropane	4.477	77	164299	45.667	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	134006	49.038	ug/l	95
28) Bromochloromethane	4.897	49	120299	53.210	ug/l	92
29) Tetrahydrofuran	5.007	42	304379	233.605	ug/l	97
30) Chloroform	5.092	83	223659	46.729	ug/l	99
31) Cyclohexane	5.470	56	150229	36.675	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	183342	44.332	ug/l	99
36) 1,1-Dichloropropene	5.690	75	146724	39.210	ug/l	98
37) Ethyl Acetate	4.714	43	177888	43.915	ug/l	97
38) Carbon Tetrachloride	5.678	117	147312	41.768	ug/l	99
39) Methylcyclohexane	7.379	83	143183	33.535	ug/l	98
40) Benzene	6.037	78	469214	44.768	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	103003	44.669	ug/l	97
42) 1,2-Dichloroethane	6.086	62	188058	42.480	ug/l	96
43) Isopropyl Acetate	6.336	43	290620	44.772	ug/l	98
44) Trichloroethene	7.122	130	118551	45.407	ug/l	98
45) 1,2-Dichloropropane	7.427	63	125677	45.471	ug/l	99
46) Dibromomethane	7.580	93	87960	46.348	ug/l	96
47) Bromodichloromethane	7.824	83	167884	47.460	ug/l	97
48) Methyl methacrylate	7.689	41	145365	43.626	ug/l	94
49) 1,4-Dioxane	7.732	88	64145	902.081	ug/l #	81
51) 4-Methyl-2-Pentanone	8.573	43	908531	224.840	ug/l	98
52) Toluene	8.720	92	297186	45.148	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	182681	50.009	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	199409	50.012	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	125064	47.925	ug/l	98
56) Ethyl methacrylate	9.116	69	194934	47.443	ug/l	95
57) 1,3-Dichloropropane	9.305	76	214540	45.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	510582	234.864	ug/l	97
59) 2-Hexanone	9.433	43	680909	222.944	ug/l	97
60) Dibromochloromethane	9.518	129	127226	53.283	ug/l	99
61) 1,2-Dibromoethane	9.610	107	131779	47.954	ug/l	99
64) Tetrachloroethene	9.275	164	95552	43.355	ug/l	95
65) Chlorobenzene	10.079	112	317420	45.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118691	49.908	ug/l	98
67) Ethyl Benzene	10.195	91	561486	43.659	ug/l	99
68) m/p-Xylenes	10.299	106	429562	90.278	ug/l	97
69) o-Xylene	10.640	106	218893	46.307	ug/l	95
70) Styrene	10.652	104	369190	47.543	ug/l	96
71) Bromoform	10.799	173	84878	55.202	ug/l	99
73) Isopropylbenzene	10.963	105	536990	43.118	ug/l	98
74) N-amyl acetate	10.841	43	252772	46.667	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	188407	46.285	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	158442m	41.347	ug/l	
77) Bromobenzene	11.195	156	134931	48.034	ug/l	95
78) n-propylbenzene	11.305	91	613780	42.286	ug/l	98
79) 2-Chlorotoluene	11.366	91	398076	43.260	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	464240	43.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54580	52.266	ug/l	93
82) 4-Chlorotoluene	11.451	91	456751	43.619	ug/l	97
83) tert-Butylbenzene	11.713	119	433612	42.570	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	472475	44.464	ug/l	99
85) sec-Butylbenzene	11.890	105	512060	40.227	ug/l	99
86) p-Isopropyltoluene	12.006	119	443612	41.678	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251061	46.826	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	252223	45.666	ug/l	99
89) n-Butylbenzene	12.335	91	368073	39.343	ug/l	99
90) Hexachloroethane	12.536	117	70659	45.888	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	250209	47.247	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41463	48.675	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	143965	46.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	47727	38.227	ug/l	98
95) Naphthalene	13.774	128	526195	48.640	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143509	46.248	ug/l	99

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

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