

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031886.D
 Acq On : 05 Oct 2022 11:21
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 11:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 11:38:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	183617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200793	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93298	38.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.220%		
35) Dibromofluoromethane	5.385	113	98486	45.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.280%		
50) Toluene-d8	8.653	98	354691	45.449	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.900%		
62) 4-Bromofluorobenzene	11.079	95	128850	45.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	77171	44.260	ug/l	96
3) Chloromethane	1.288	50	63716	34.860	ug/l	100
4) Vinyl Chloride	1.368	62	84684	36.372	ug/l	100
5) Bromomethane	1.611	94	76618	42.021	ug/l	99
6) Chloroethane	1.685	64	80763	34.655	ug/l	96
7) Trichlorofluoromethane	1.886	101	172587	36.323	ug/l	100
8) Diethyl Ether	2.130	74	55584	35.903	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	85517	41.663	ug/l #	82
10) Methyl Iodide	2.453	142	99096	51.430	ug/l	97
11) Tert butyl alcohol	3.001	59	66054m	196.356	ug/l	
12) 1,1-Dichloroethene	2.319	96	80148	42.524	ug/l #	77
13) Acrolein	2.239	56	40575	203.726	ug/l	99
14) Allyl chloride	2.666	41	87963	36.562	ug/l #	92
15) Acrylonitrile	3.069	53	179837	204.660	ug/l	97
16) Acetone	2.386	43	133997	193.968	ug/l	91
17) Carbon Disulfide	2.508	76	166563	32.043	ug/l	99
18) Methyl Acetate	2.703	43	92911	41.107	ug/l #	80
19) Methyl tert-butyl Ether	3.111	73	255028	41.563	ug/l	94
20) Methylene Chloride	2.788	84	85786	40.584	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	91462	41.394	ug/l	83
22) Diisopropyl ether	3.764	45	198147	38.842	ug/l #	87
23) Vinyl Acetate	3.721	43	782339	205.018	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	135512	39.527	ug/l	95
25) 2-Butanone	4.562	43	223596	201.669	ug/l #	82
26) 2,2-Dichloropropane	4.477	77	110145	37.632	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	108516	42.238	ug/l	77
28) Bromochloromethane	4.897	49	52720	38.050	ug/l #	37
29) Tetrahydrofuran	5.007	42	141750	207.063	ug/l #	74
30) Chloroform	5.099	83	166303	40.548	ug/l	99
31) Cyclohexane	5.477	56	111597	38.779	ug/l #	77
32) 1,1,1-Trichloroethane	5.385	97	154000	39.568	ug/l #	94
36) 1,1-Dichloropropene	5.696	75	115700	42.772	ug/l	92
37) Ethyl Acetate	4.715	43	91078	44.480	ug/l #	91
38) Carbon Tetrachloride	5.678	117	142806	42.526	ug/l	99
39) Methylcyclohexane	7.379	83	148629	44.788	ug/l #	84
40) Benzene	6.038	78	345835	44.256	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47429	42.626	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	114455	41.808	ug/l	92
43) Isopropyl Acetate	6.342	43	143783	43.430	ug/l #	87
44) Trichloroethene	7.129	130	120972	47.917	ug/l	79
45) 1,2-Dichloropropane	7.434	63	78730	43.005	ug/l	95
46) Dibromomethane	7.580	93	69503	45.548	ug/l #	80
47) Bromodichloromethane	7.824	83	124275	40.693	ug/l	99
48) Methyl methacrylate	7.696	41	67759	45.736	ug/l #	80
49) 1,4-Dioxane	7.696	88	45138	939.999	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	463676	223.114	ug/l	88
52) Toluene	8.720	92	248512	45.362	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	122066	41.917	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	137056	42.950	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	102553	46.965	ug/l	96
56) Ethyl methacrylate	9.116	69	127245	50.398	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	153353	45.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	306365	235.475	ug/l #	79
59) 2-Hexanone	9.433	43	343229	227.180	ug/l	84
60) Dibromochloromethane	9.525	129	117514	44.331	ug/l	100
61) 1,2-Dibromoethane	9.610	107	113146	46.663	ug/l	98
64) Tetrachloroethene	9.275	164	128762	51.294	ug/l	93
65) Chlorobenzene	10.079	112	288804	47.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	110616	47.202	ug/l	98
67) Ethyl Benzene	10.195	91	465052	46.404	ug/l	94
68) m/p-Xylenes	10.305	106	394505	95.349	ug/l	90
69) o-Xylene	10.640	106	195101	48.946	ug/l	89
70) Styrene	10.659	104	320737	49.505	ug/l	94
71) Bromoform	10.799	173	88241	44.776	ug/l #	100
73) Isopropylbenzene	10.963	105	506961	45.905	ug/l	98
74) N-amyl acetate	10.842	43	122159	47.229	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	138438	44.040	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	142758	50.186	ug/l	87
77) Bromobenzene	11.201	156	141776	48.674	ug/l	78
78) n-propylbenzene	11.305	91	544980	45.149	ug/l	93
79) 2-Chlorotoluene	11.366	91	323762	44.392	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	425962	46.190	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	33715	40.688	ug/l	96
82) 4-Chlorotoluene	11.457	91	371704	44.154	ug/l	90
83) tert-Butylbenzene	11.713	119	441302	47.344	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	424301	46.229	ug/l	95
85) sec-Butylbenzene	11.890	105	523888	46.688	ug/l	95
86) p-Isopropyltoluene	12.012	119	475617	48.568	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	265971	48.394	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	270349	47.097	ug/l	96
89) n-Butylbenzene	12.335	91	352412	45.561	ug/l	96
90) Hexachloroethane	12.542	117	68905	39.005	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	264628	48.078	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28378	42.930	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	180509	53.584	ug/l	97
94) Hexachlorobutadiene	13.725	225	73972	53.364	ug/l	99
95) Naphthalene	13.774	128	553466	52.745	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	180992	55.407	ug/l	97

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

