

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037600.D
 Acq On : 08 Sep 2023 12:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 04:03:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202968	99.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 199.020%#			
35) Dibromofluoromethane	5.385	113	184900	100.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.920%#			
50) Toluene-d8	8.653	98	668643	99.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.080%#			
62) 4-Bromofluorobenzene	11.079	95	248634	98.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 196.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	148624	96.918	ug/l	98
3) Chloromethane	1.307	50	160212	93.326	ug/l	98
4) Vinyl Chloride	1.374	62	169722	95.972	ug/l	98
5) Bromomethane	1.593	94	76301	97.368	ug/l	97
6) Chloroethane	1.666	64	85382	90.120	ug/l	98
7) Trichlorofluoromethane	1.873	101	195697	81.423	ug/l	97
8) Diethyl Ether	2.136	74	104884	98.182	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.319	101	154125	95.875	ug/l	95
10) Methyl Iodide	2.447	142	207883	99.704	ug/l	91
11) Tert butyl alcohol	2.983	59	218984	479.794	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	156264	96.304	ug/l #	79
13) Acrolein	2.239	56	223031	497.034	ug/l	98
14) Allyl chloride	2.660	41	222815	97.927	ug/l #	85
15) Acrylonitrile	3.068	53	487563	489.981	ug/l	98
16) Acetone	2.386	43	374873	446.927	ug/l #	83
17) Carbon Disulfide	2.501	76	386768	95.172	ug/l	100
18) Methyl Acetate	2.709	43	337682	99.230	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	574563	99.876	ug/l	98
20) Methylene Chloride	2.788	84	188026	98.040	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	176241	97.233	ug/l	85
22) Diisopropyl ether	3.763	45	473753	98.326	ug/l #	80
23) Vinyl Acetate	3.721	43	1777003	516.630	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	308787	98.346	ug/l	97
25) 2-Butanone	4.562	43	614541	483.090	ug/l #	83
26) 2,2-Dichloropropane	4.477	77	233960	101.076	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	214092	99.117	ug/l	84
28) Bromochloromethane	4.903	49	132610	96.757	ug/l #	67
29) Tetrahydrofuran	5.007	42	400422	491.343	ug/l #	79
30) Chloroform	5.099	83	332737	98.769	ug/l	97
31) Cyclohexane	5.470	56	241184	97.183	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	290498	100.119	ug/l	94
36) 1,1-Dichloropropene	5.690	75	232491	96.092	ug/l	96
37) Ethyl Acetate	4.721	43	239286	96.459	ug/l #	91
38) Carbon Tetrachloride	5.678	117	252403	100.941	ug/l	99
39) Methylcyclohexane	7.379	83	292499	99.149	ug/l	89
40) Benzene	6.037	78	731447	98.255	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128731	101.868	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	243597	97.721	ug/l	90
43) Isopropyl Acetate	6.342	43	381249	102.610	ug/l #	87
44) Trichloroethene	7.123	130	198311	96.980	ug/l	95
45) 1,2-Dichloropropane	7.433	63	183071	100.416	ug/l	99
46) Dibromomethane	7.580	93	138159	100.975	ug/l	91
47) Bromodichloromethane	7.824	83	261035	104.406	ug/l	97
48) Methyl methacrylate	7.696	41	182949	102.880	ug/l #	76
49) 1,4-Dioxane	7.665	88	107257	1922.319	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1130777	478.530	ug/l #	85
52) Toluene	8.720	92	471970	97.610	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	283988	109.392	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	311760	107.937	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	198814	98.893	ug/l	97
56) Ethyl methacrylate	9.116	69	306848	104.755	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	323381	96.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	748513	505.057	ug/l	91
59) 2-Hexanone	9.433	43	867166	481.150	ug/l	81
60) Dibromochloromethane	9.525	129	217196	108.506	ug/l	99
61) 1,2-Dibromoethane	9.610	107	216002	100.332	ug/l	100
64) Tetrachloroethene	9.275	164	160199	95.036	ug/l	97
65) Chlorobenzene	10.079	112	512216	96.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	196625	104.904	ug/l	98
67) Ethyl Benzene	10.195	91	888078	98.786	ug/l	98
68) m/p-Xylenes	10.305	106	696878	197.057	ug/l	94
69) o-Xylene	10.640	106	350430	99.657	ug/l	95
70) Styrene	10.659	104	581221	101.667	ug/l	96
71) Bromoform	10.799	173	157736	98.068	ug/l #	99
73) Isopropylbenzene	10.963	105	880516	99.776	ug/l	98
74) N-amyl acetate	10.841	43	320349	105.309	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	302341	98.586	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	274188m	99.479	ug/l	
77) Bromobenzene	11.201	156	217952	99.777	ug/l	88
78) n-propylbenzene	11.305	91	983513	100.213	ug/l	97
79) 2-Chlorotoluene	11.366	91	608556	97.589	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	749745	100.162	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	97064	100.628	ug/l #	80
82) 4-Chlorotoluene	11.457	91	689585	98.074	ug/l	97
83) tert-Butylbenzene	11.713	119	760828	100.817	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	758808	101.394	ug/l	96
85) sec-Butylbenzene	11.890	105	902908	99.247	ug/l	97
86) p-Isopropyltoluene	12.012	119	775397	100.639	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	403442	97.070	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	403479	95.428	ug/l	99
89) n-Butylbenzene	12.335	91	652389	103.054	ug/l	98
90) Hexachloroethane	12.542	117	142742	109.026	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	403461	97.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	70967	108.687	ug/l	71
93) 1,2,4-Trichlorobenzene	13.585	180	259990	103.827	ug/l	97
94) Hexachlorobutadiene	13.725	225	107848	97.569	ug/l	97
95) Naphthalene	13.774	128	946528	108.208	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	263701	101.952	ug/l	98

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

