

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031829.D
 Acq On : 03 Oct 2022 11:46
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 04 06:32:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:27:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	97251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172144	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161580	78.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 157.020%#			
35) Dibromofluoromethane	5.385	113	165462	79.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 158.540%#			
50) Toluene-d8	8.653	98	569034	77.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 154.860%#			
62) 4-Bromofluorobenzene	11.079	95	212746	79.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 159.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	93894	69.212	ug/l	100
3) Chloromethane	1.288	50	99506	68.575	ug/l	98
4) Vinyl Chloride	1.374	62	118864	65.582	ug/l	96
5) Bromomethane	1.611	94	103646	68.919	ug/l	99
6) Chloroethane	1.685	64	135654	72.103	ug/l	98
7) Trichlorofluoromethane	1.880	101	224201	61.234	ug/l	99
8) Diethyl Ether	2.130	74	90822	72.388	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	100420	63.152	ug/l	# 87
10) Methyl Iodide	2.453	142	158775	92.914	ug/l	99
11) Tert butyl alcohol	3.081	59	107881	391.980	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	106938	71.066	ug/l	# 79
13) Acrolein	2.239	56	67225	395.456	ug/l	100
14) Allyl chloride	2.660	41	141670	72.963	ug/l	# 91
15) Acrylonitrile	3.068	53	290721	399.728	ug/l	97
16) Acetone	2.392	43	210721	372.983	ug/l	91
17) Carbon Disulfide	2.508	76	279210	67.850	ug/l	100
18) Methyl Acetate	2.709	43	147150	78.499	ug/l	# 82
19) Methyl tert-butyl Ether	3.111	73	410565	80.706	ug/l	96
20) Methylene Chloride	2.788	84	132674	76.502	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	134796	75.222	ug/l	# 83
22) Diisopropyl ether	3.757	45	320661	77.081	ug/l	# 87
23) Vinyl Acetate	3.721	43	1283710	406.605	ug/l	# 87
24) 1,1-Dichloroethane	3.611	63	206388	74.214	ug/l	96
25) 2-Butanone	4.568	43	355075	389.145	ug/l	# 81
26) 2,2-Dichloropropane	4.477	77	173733	73.698	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	163427	77.850	ug/l	80
28) Bromochloromethane	4.897	49	95031	82.315	ug/l	# 43
29) Tetrahydrofuran	5.013	42	227177	401.402	ug/l	# 76
30) Chloroform	5.092	83	257701	77.063	ug/l	97
31) Cyclohexane	5.470	56	140677	62.983	ug/l	# 81
32) 1,1,1-Trichloroethane	5.385	97	223974	72.051	ug/l	# 94
36) 1,1-Dichloropropene	5.696	75	161954	67.776	ug/l	93
37) Ethyl Acetate	4.714	43	143653	76.650	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	206013	69.409	ug/l	98
39) Methylcyclohexane	7.379	83	169660	60.287	ug/l	85
40) Benzene	6.037	78	527011	74.394	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76940	75.512	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	183775	73.727	ug/l	92
43) Isopropyl Acetate	6.342	43	239357	78.286	ug/l #	88
44) Trichloroethene	7.129	130	168191	73.806	ug/l	83
45) 1,2-Dichloropropane	7.427	63	124698	74.776	ug/l	95
46) Dibromomethane	7.580	93	111443	78.995	ug/l #	83
47) Bromodichloromethane	7.824	83	213427	76.322	ug/l	97
48) Methyl methacrylate	7.696	41	110347	80.608	ug/l #	82
49) 1,4-Dioxane	7.714	88	68220	1557.889	ug/l #	81
51) 4-Methyl-2-Pentanone	8.580	43	738469	387.409	ug/l	88
52) Toluene	8.720	92	368644	74.423	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	216769	80.632	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	234441	79.704	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	159032	79.035	ug/l	94
56) Ethyl methacrylate	9.116	69	203386	86.032	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	239306	77.070	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	502425	415.098	ug/l #	80
59) 2-Hexanone	9.433	43	542759	391.458	ug/l	86
60) Dibromochloromethane	9.525	129	203724	82.535	ug/l	99
61) 1,2-Dibromoethane	9.610	107	179010	79.980	ug/l	98
64) Tetrachloroethene	9.275	164	173894	73.135	ug/l	94
65) Chlorobenzene	10.079	112	435572	74.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	176919	78.077	ug/l	97
67) Ethyl Benzene	10.195	91	684668	72.359	ug/l	94
68) m/p-Xylenes	10.305	106	587249	149.747	ug/l	89
69) o-Xylene	10.640	106	290385	76.393	ug/l	90
70) Styrene	10.659	104	493054	79.080	ug/l	94
71) Bromoform	10.799	173	165573	84.931	ug/l #	98
73) Isopropylbenzene	10.963	105	701188	69.359	ug/l	97
74) N-amyl acetate	10.848	43	202155	81.364	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	217516	73.811	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	192040m	76.785	ug/l	
77) Bromobenzene	11.201	156	216937	78.496	ug/l	79
78) n-propylbenzene	11.305	91	757708	68.847	ug/l	94
79) 2-Chlorotoluene	11.366	91	472547	70.230	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	603714	71.209	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	69278	83.721	ug/l	88
82) 4-Chlorotoluene	11.457	91	552241	71.010	ug/l	91
83) tert-Butylbenzene	11.713	119	601923	70.653	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	615528	72.610	ug/l	95
85) sec-Butylbenzene	11.890	105	667209	66.181	ug/l	96
86) p-Isopropyltoluene	12.012	119	614916	69.296	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	391874	76.235	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	396478	74.047	ug/l	97
89) n-Butylbenzene	12.335	91	458537	66.009	ug/l	96
90) Hexachloroethane	12.542	117	111867	69.493	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	389409	75.710	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47229	75.872	ug/l	56
93) 1,2,4-Trichlorobenzene	13.591	180	238972	76.461	ug/l	97
94) Hexachlorobutadiene	13.725	225	81102	65.662	ug/l	98
95) Naphthalene	13.774	128	801150	80.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	237927	78.142	ug/l	98

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

