

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031887.D
 Acq On : 05 Oct 2022 11:44
 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 05 12:09:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137926	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	182602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201668	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177401	71.793	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.580%#			
35) Dibromofluoromethane	5.385	113	195633	90.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 180.340%#			
50) Toluene-d8	8.653	98	684647	88.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 176.440%#			
62) 4-Bromofluorobenzene	11.079	95	250394	89.592	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 179.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	159265	89.320	ug/l	100
3) Chloromethane	1.288	50	120735	64.592	ug/l	98
4) Vinyl Chloride	1.368	62	162916	68.422	ug/l	98
5) Bromomethane	1.612	94	155081	83.170	ug/l	100
6) Chloroethane	1.685	64	144208	60.508	ug/l	97
7) Trichlorofluoromethane	1.880	101	332339	68.395	ug/l	99
8) Diethyl Ether	2.130	74	107774	68.070	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	172720	82.283	ug/l	# 81
10) Methyl Iodide	2.447	142	219542	111.416	ug/l	96
11) Tert butyl alcohol	3.038	59	110838m	322.182	ug/l	
12) 1,1-Dichloroethene	2.319	96	162337	84.222	ug/l	# 74
13) Acrolein	2.240	56	80036	392.956	ug/l	99
14) Allyl chloride	2.660	41	175572	71.360	ug/l	# 90
15) Acrylonitrile	3.069	53	342501	381.141	ug/l	98
16) Acetone	2.392	43	251057	355.367	ug/l	# 86
17) Carbon Disulfide	2.508	76	350335	65.903	ug/l	99
18) Methyl Acetate	2.703	43	179000	77.442	ug/l	# 80
19) Methyl tert-butyl Ether	3.111	73	499475	79.599	ug/l	95
20) Methylene Chloride	2.788	84	170787	79.006	ug/l	# 77
21) trans-1,2-Dichloroethene	3.087	96	180192	79.744	ug/l	# 83
22) Diisopropyl ether	3.764	45	380782	72.990	ug/l	# 87
23) Vinyl Acetate	3.721	43	1528896	391.782	ug/l	# 85
24) 1,1-Dichloroethane	3.611	63	264145	75.341	ug/l	94
25) 2-Butanone	4.562	43	418159	368.796	ug/l	# 82
26) 2,2-Dichloropropane	4.471	77	227526	76.015	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	215413	81.988	ug/l	76
28) Bromochloromethane	4.898	49	101657	71.743	ug/l	# 33
29) Tetrahydrofuran	5.007	42	265604	379.388	ug/l	# 73
30) Chloroform	5.093	83	321726	76.706	ug/l	100
31) Cyclohexane	5.471	56	216622	73.607	ug/l	# 77
32) 1,1,1-Trichloroethane	5.385	97	304419	76.484	ug/l	# 93
36) 1,1-Dichloropropene	5.690	75	226827	84.320	ug/l	91
37) Ethyl Acetate	4.715	43	171032	83.992	ug/l	# 91
38) Carbon Tetrachloride	5.678	117	285417	85.467	ug/l	97
39) Methylcyclohexane	7.379	83	291637	88.371	ug/l	# 84
40) Benzene	6.038	78	667810	85.934	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	92161	83.288	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	219959	80.793	ug/l	91
43) Isopropyl Acetate	6.342	43	284530	86.420	ug/l #	87
44) Trichloroethene	7.129	130	240659	95.856	ug/l	81
45) 1,2-Dichloropropane	7.434	63	153369	84.240	ug/l	96
46) Dibromomethane	7.580	93	135715	89.433	ug/l #	75
47) Bromodichloromethane	7.824	83	247472	81.484	ug/l #	98
48) Methyl methacrylate	7.696	41	132295	89.793	ug/l #	79
49) 1,4-Dioxane	7.696	88	80834	1692.726	ug/l #	81
51) 4-Methyl-2-Pentanone	8.580	43	871920	421.888	ug/l	88
52) Toluene	8.720	92	475506	87.279	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	252273	87.110	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	276125	87.012	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	196918	90.682	ug/l	94
56) Ethyl methacrylate	9.116	69	251625	100.215	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	292152	86.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	601216	464.669	ug/l #	78
59) 2-Hexanone	9.433	43	645260	429.466	ug/l	85
60) Dibromochloromethane	9.525	129	237281	90.008	ug/l	99
61) 1,2-Dibromoethane	9.610	107	221558	91.882	ug/l	98
64) Tetrachloroethene	9.275	164	252618	100.196	ug/l	94
65) Chlorobenzene	10.080	112	564721	92.352	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	220711	93.774	ug/l	97
67) Ethyl Benzene	10.195	91	903534	89.765	ug/l	94
68) m/p-Xylenes	10.305	106	762080	183.390	ug/l	89
69) o-Xylene	10.640	106	378188	94.466	ug/l	87
70) Styrene	10.659	104	621905	95.572	ug/l	93
71) Bromoform	10.799	173	188366	95.168	ug/l #	99
73) Isopropylbenzene	10.964	105	968625	91.666	ug/l	97
74) N-amyl acetate	10.848	43	249188	100.687	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.214	83	263913	87.744	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	227042m	83.416	ug/l	
77) Bromobenzene	11.201	156	282444	101.342	ug/l	77
78) n-propylbenzene	11.305	91	1053795	91.241	ug/l	92
79) 2-Chlorotoluene	11.366	91	617642	88.506	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	809696	91.762	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	73596	92.823	ug/l	91
82) 4-Chlorotoluene	11.457	91	714097	88.653	ug/l	90
83) tert-Butylbenzene	11.713	119	841830	94.389	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	817604	93.100	ug/l	94
85) sec-Butylbenzene	11.890	105	1003734	93.487	ug/l	95
86) p-Isopropyltoluene	12.012	119	903858	96.462	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	519977	98.878	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	517785	94.271	ug/l	96
89) n-Butylbenzene	12.335	91	694536	93.842	ug/l	96
90) Hexachloroethane	12.543	117	145541	86.103	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	502431	95.401	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55283	87.404	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.591	180	354546	109.996	ug/l	97
94) Hexachlorobutadiene	13.725	225	149675	112.849	ug/l	99
95) Naphthalene	13.774	128	1059282	105.503	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	353373	113.057	ug/l	97

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

