

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032155.D
 Acq On : 17 Oct 2022 13:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 18 03:56:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 03:50:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	142500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220701	97.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.480%#			
35) Dibromofluoromethane	5.391	113	165912	102.882	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.760%#			
50) Toluene-d8	8.653	98	606167	107.165	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 214.320%#			
62) 4-Bromofluorobenzene	11.079	95	247035	114.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 229.420%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	156231	99.572	ug/l	99
3) Chloromethane	1.288	50	142744	94.224	ug/l	98
4) Vinyl Chloride	1.374	62	164833	97.642	ug/l	97
5) Bromomethane	1.612	94	111048	88.872	ug/l	99
6) Chloroethane	1.685	64	120524	96.170	ug/l	98
7) Trichlorofluoromethane	1.886	101	245281	93.122	ug/l	100
8) Diethyl Ether	2.136	74	83533	95.936	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	117246	94.184	ug/l	92
10) Methyl Iodide	2.453	142	153723	101.859	ug/l	99
11) Tert butyl alcohol	3.050	59	139069	445.515	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	110785	95.255	ug/l	91
13) Acrolein	2.239	56	121804	463.583	ug/l	100
14) Allyl chloride	2.666	41	210987	102.651	ug/l	96
15) Acrylonitrile	3.069	53	379920	507.002	ug/l	99
16) Acetone	2.392	43	239622	439.104	ug/l	96
17) Carbon Disulfide	2.514	76	288380	98.815	ug/l	98
18) Methyl Acetate	2.709	43	228425	102.782	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	518995	107.505	ug/l	98
20) Methylene Chloride	2.788	84	157122	93.647	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	157531	99.966	ug/l	97
22) Diisopropyl ether	3.764	45	510867	100.047	ug/l	99
23) Vinyl Acetate	3.727	43	2082384	522.046	ug/l	99
24) 1,1-Dichloroethane	3.611	63	289069	97.131	ug/l	99
25) 2-Butanone	4.568	43	534887	458.742	ug/l	100
26) 2,2-Dichloropropane	4.477	77	245840	104.955	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	186377	98.332	ug/l	96
28) Bromochloromethane	4.904	49	112291	92.345	ug/l	92
29) Tetrahydrofuran	5.013	42	347480	496.887	ug/l	96
30) Chloroform	5.099	83	331946	101.914	ug/l	99
31) Cyclohexane	5.471	56	254704	100.699	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	303292	116.147	ug/l	99
36) 1,1-Dichloropropene	5.696	75	239109	102.485	ug/l	99
37) Ethyl Acetate	4.721	43	227497	97.167	ug/l	99
38) Carbon Tetrachloride	5.678	117	269298	108.992	ug/l	98
39) Methylcyclohexane	7.385	83	285319	101.898	ug/l	97
40) Benzene	6.044	78	655194	100.398	ug/l	99

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41) Methacrylonitrile	4.928	41	124812	103.386	ug/l	99
42) 1,2-Dichloroethane	6.086	62	275749	100.882	ug/l	98
43) Isopropyl Acetate	6.342	43	376765	106.788	ug/l	99
44) Trichloroethene	7.129	130	183441	99.762	ug/l	98
45) 1,2-Dichloropropane	7.434	63	164702	101.303	ug/l	94
46) Dibromomethane	7.580	93	127974	102.464	ug/l	96
47) Bromodichloromethane	7.824	83	257427	110.642	ug/l	100
48) Methyl methacrylate	7.696	41	191232	106.947	ug/l	99
49) 1,4-Dioxane	7.702	88	65701	1792.051	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	1134496	524.376	ug/l	97
52) Toluene	8.720	92	441523	106.188	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	277209	133.568	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	289484	118.782	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	176149	111.599	ug/l	97
56) Ethyl methacrylate	9.116	69	274510	121.775	ug/l	99
57) 1,3-Dichloropropane	9.311	76	298191	107.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	592416	530.460	ug/l	95
59) 2-Hexanone	9.433	43	846011	527.826	ug/l	99
60) Dibromochloromethane	9.525	129	198611	121.629	ug/l	100
61) 1,2-Dibromoethane	9.610	107	190926	112.005	ug/l	99
64) Tetrachloroethene	9.275	164	181930	99.357	ug/l	96
65) Chlorobenzene	10.080	112	473830	97.874	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	182045	108.517	ug/l	99
67) Ethyl Benzene	10.195	91	866868	101.884	ug/l	99
68) m/p-Xylenes	10.305	106	667197	204.494	ug/l	96
69) o-Xylene	10.640	106	332420	103.543	ug/l	98
70) Styrene	10.659	104	560935	108.121	ug/l	99
71) Bromoform	10.799	173	139946	118.597	ug/l #	100
73) Isopropylbenzene	10.964	105	886973	115.439	ug/l	98
74) N-amyl acetate	10.848	43	341172	126.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	258490	104.940	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	246588m	109.919	ug/l	
77) Bromobenzene	11.201	156	206202	110.246	ug/l	96
78) n-propylbenzene	11.305	91	1013380	110.065	ug/l	99
79) 2-Chlorotoluene	11.366	91	615064	108.145	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	771334	113.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	80954	141.443	ug/l	91
82) 4-Chlorotoluene	11.457	91	734995	110.899	ug/l	98
83) tert-Butylbenzene	11.719	119	739948	110.912	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	766459	112.313	ug/l	98
85) sec-Butylbenzene	11.890	105	947448	113.477	ug/l	98
86) p-Isopropyltoluene	12.012	119	690613	99.362	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	361767	100.082	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	373781	102.474	ug/l	99
89) n-Butylbenzene	12.335	91	574226	100.208	ug/l	99
90) Hexachloroethane	12.543	117	104118	107.948	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	305382	88.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43507	99.127	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	190270	99.180	ug/l	98
94) Hexachlorobutadiene	13.725	225	75458	93.850	ug/l	98
95) Naphthalene	13.774	128	645798	100.733	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190612	99.248	ug/l	99

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

