

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028010.D
 Acq On : 07 Apr 2022 14:31
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 07 15:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:23:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	61204	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	105215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49122	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117392	145.001	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 290.000%#			
35) Dibromofluoromethane	5.391	113	78190	108.458	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 216.920%#			
50) Toluene-d8	8.653	98	281990	107.655	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 215.320%#			
62) 4-Bromofluorobenzene	11.085	95	119312	114.894	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 229.780%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	104008	145.623	ug/l	98
3) Chloromethane	1.288	50	82136	135.495	ug/l	98
4) Vinyl Chloride	1.374	62	85778	133.117	ug/l	99
5) Bromomethane	1.599	94	36624	138.817	ug/l	97
6) Chloroethane	1.679	64	49774	128.193	ug/l	96
7) Trichlorofluoromethane	1.880	101	135107	131.867	ug/l	99
8) Diethyl Ether	2.136	74	44238	128.397	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	78027	126.145	ug/l	95
10) Methyl Iodide	2.453	142	115516	154.593	ug/l	98
11) Tert butyl alcohol	2.989	59	86100	595.667	ug/l	100
12) 1,1-Dichloroethene	2.319	96	75384	128.766	ug/l	94
13) Acrolein	2.233	56	88453	662.352	ug/l	98
14) Allyl chloride	2.666	41	114731	125.032	ug/l	96
15) Acrylonitrile	3.063	53	211704	614.716	ug/l	99
16) Acetone	2.380	43	174805	583.774	ug/l	96
17) Carbon Disulfide	2.508	76	194799	124.733	ug/l	100
18) Methyl Acetate	2.703	43	95617	123.913	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	244897	125.148	ug/l	99
20) Methylene Chloride	2.788	84	82282	126.507	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	80269	124.079	ug/l	98
22) Diisopropyl ether	3.764	45	229613	126.029	ug/l	94
23) Vinyl Acetate	3.721	43	1027448	648.040	ug/l	96
24) 1,1-Dichloroethane	3.611	63	138051	126.223	ug/l	99
25) 2-Butanone	4.556	43	349484	719.533	ug/l	94
26) 2,2-Dichloropropane	4.477	77	126122	147.727	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	101665	136.722	ug/l	99
28) Bromochloromethane	4.904	49	63407	145.235	ug/l	89
29) Tetrahydrofuran	5.007	42	230195	737.354	ug/l	# 85
30) Chloroform	5.099	83	164020	136.372	ug/l	97
31) Cyclohexane	5.471	56	137129	134.175	ug/l	87
32) 1,1,1-Trichloroethane	5.391	97	147538	136.699	ug/l	95
36) 1,1-Dichloropropene	5.696	75	119365	125.039	ug/l	96
37) Ethyl Acetate	4.721	43	138169	139.612	ug/l	97
38) Carbon Tetrachloride	5.678	117	127529	120.590	ug/l	99
39) Methylcyclohexane	7.385	83	130879	110.966	ug/l	# 88
40) Benzene	6.044	78	322360	118.643	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	75743	144.662	ug/l	89
42) 1,2-Dichloroethane	6.086	62	148162	145.396	ug/l	91
43) Isopropyl Acetate	6.342	43	226379	147.125	ug/l #	90
44) Trichloroethene	7.129	130	82534	102.813	ug/l	81
45) 1,2-Dichloropropane	7.434	63	85113	128.562	ug/l	99
46) Dibromomethane	7.586	93	63574	118.703	ug/l #	87
47) Bromodichloromethane	7.824	83	127592	129.038	ug/l	97
48) Methyl methacrylate	7.696	41	115236	154.947	ug/l #	76
49) 1,4-Dioxane	7.665	88	40116	2111.701	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	706612	701.843	ug/l	87
52) Toluene	8.720	92	200762	111.814	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	135865	135.696	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	141098	128.970	ug/l #	76
55) 1,1,2-Trichloroethane	9.153	97	83367	113.131	ug/l	96
56) Ethyl methacrylate	9.116	69	144618	132.396	ug/l #	71
57) 1,3-Dichloropropane	9.311	76	145200	122.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	347973	650.476	ug/l	94
59) 2-Hexanone	9.433	43	563652	723.097	ug/l	83
60) Dibromochloromethane	9.525	129	90572	114.234	ug/l	97
61) 1,2-Dibromoethane	9.610	107	92079	117.688	ug/l	99
64) Tetrachloroethene	9.275	164	72738	95.936	ug/l	94
65) Chlorobenzene	10.080	112	213190	105.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	81316	108.595	ug/l	98
67) Ethyl Benzene	10.195	91	411776	116.597	ug/l	98
68) m/p-Xylenes	10.305	106	298737	217.270	ug/l	87
69) o-Xylene	10.647	106	147467	110.760	ug/l	87
70) Styrene	10.659	104	251452	113.158	ug/l #	91
71) Bromoform	10.805	173	64882	108.387	ug/l #	100
73) Isopropylbenzene	10.964	105	399142	115.203	ug/l	96
74) N-amyl acetate	10.848	43	200137	160.546	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.214	83	135589	118.730	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	131472m	128.010	ug/l	
77) Bromobenzene	11.201	156	89782	100.451	ug/l	82
78) n-propylbenzene	11.305	91	489478	123.548	ug/l	97
79) 2-Chlorotoluene	11.366	91	296186	118.412	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	346553	116.332	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	43265	134.025	ug/l #	75
82) 4-Chlorotoluene	11.457	91	344895	121.010	ug/l	95
83) tert-Butylbenzene	11.720	119	323707	108.776	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	353319	117.297	ug/l	94
85) sec-Butylbenzene	11.890	105	415808	113.961	ug/l	98
86) p-Isopropyltoluene	12.012	119	345423	111.846	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	175390	104.671	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	176507	104.523	ug/l	96
89) n-Butylbenzene	12.335	91	323423	122.869	ug/l	95
90) Hexachloroethane	12.543	117	57497	117.547	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	168708	103.411	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36944	136.488	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	105889	101.561	ug/l	98
94) Hexachlorobutadiene	13.725	225	43551	87.215	ug/l	94
95) Naphthalene	13.780	128	375456	109.646	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104776	102.615	ug/l	95

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

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