

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026806.D
 Acq On : 08 Feb 2022 01:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 08 05:15:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 05:11:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118845	93.513	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 187.020%#			
35) Dibromofluoromethane	5.391	113	97208	101.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.680%#			
50) Toluene-d8	8.653	98	351494	100.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 201.820%#			
62) 4-Bromofluorobenzene	11.085	95	126259	102.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.000%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	112877	101.762	ug/l	99
3) Chloromethane	1.295	50	99630	97.622	ug/l	100
4) Vinyl Chloride	1.380	62	109049	102.302	ug/l	100
5) Bromomethane	1.618	94	46368	96.519	ug/l	98
6) Chloroethane	1.685	64	45722	82.499	ug/l	98
7) Trichlorofluoromethane	1.892	101	161161	96.932	ug/l	97
8) Diethyl Ether	2.136	74	59242	100.496	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	106581	104.071	ug/l	97
10) Methyl Iodide	2.459	142	147236	138.879	ug/l	97
11) Tert butyl alcohol	3.044	59	116119m	625.435	ug/l	
12) 1,1-Dichloroethene	2.325	96	105532	107.105	ug/l	92
13) Acrolein	2.240	56	107743	547.168	ug/l	98
14) Allyl chloride	2.666	41	191580	106.675	ug/l	96
15) Acrylonitrile	3.069	53	306854	537.057	ug/l	98
16) Acetone	2.386	43	251112	391.395	ug/l	95
17) Carbon Disulfide	2.514	76	296945	103.370	ug/l	99
18) Methyl Acetate	2.709	43	143659	106.165	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	368840	103.693	ug/l	99
20) Methylene Chloride	2.794	84	112320	101.064	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	113604	106.765	ug/l	95
22) Diisopropyl ether	3.764	45	365017	99.963	ug/l	97
23) Vinyl Acetate	3.727	43	1595443	529.633	ug/l	97
24) 1,1-Dichloroethane	3.617	63	205271	104.075	ug/l	100
25) 2-Butanone	4.562	43	422099	489.192	ug/l	99
26) 2,2-Dichloropropane	4.483	77	148096	102.974	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	129900	107.143	ug/l	95
28) Bromochloromethane	4.904	49	84980	105.053	ug/l	93
29) Tetrahydrofuran	5.013	42	281449	535.863	ug/l	97
30) Chloroform	5.105	83	205682	100.630	ug/l	99
31) Cyclohexane	5.477	56	193490	100.538	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	190159	105.857	ug/l	98
36) 1,1-Dichloropropene	5.702	75	158277	102.637	ug/l	98
37) Ethyl Acetate	4.721	43	173123	109.193	ug/l	98
38) Carbon Tetrachloride	5.684	117	168374	106.460	ug/l	97
39) Methylcyclohexane	7.385	83	197986	106.036	ug/l	97
40) Benzene	6.044	78	449556	104.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	97445	108.960	ug/l	97
42) 1,2-Dichloroethane	6.092	62	161621	97.522	ug/l	98
43) Isopropyl Acetate	6.342	43	278636	109.392	ug/l	98
44) Trichloroethene	7.129	130	138742	112.822	ug/l	94
45) 1,2-Dichloropropane	7.434	63	114890	107.133	ug/l	98
46) Dibromomethane	7.586	93	80229	106.307	ug/l	97
47) Bromodichloromethane	7.824	83	157828	104.402	ug/l	98
48) Methyl methacrylate	7.696	41	133500	105.781	ug/l	96
49) 1,4-Dioxane	7.690	88	46383	2229.162	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	792800	524.361	ug/l	97
52) Toluene	8.720	92	279974	106.034	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	166149	116.772	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	183620	112.575	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	107864	104.717	ug/l	99
56) Ethyl methacrylate	9.122	69	177050	112.170	ug/l	94
57) 1,3-Dichloropropane	9.311	76	184392	103.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	422726	505.350	ug/l	97
59) 2-Hexanone	9.439	43	594558	518.849	ug/l	97
60) Dibromochloromethane	9.525	129	120210	112.494	ug/l	100
61) 1,2-Dibromoethane	9.610	107	115513	107.460	ug/l	100
64) Tetrachloroethene	9.275	164	144083	114.732	ug/l	95
65) Chlorobenzene	10.080	112	288757	105.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	110495	108.692	ug/l	99
67) Ethyl Benzene	10.195	91	524763	105.862	ug/l	99
68) m/p-Xylenes	10.305	106	399368	214.750	ug/l	97
69) o-Xylene	10.647	106	193814	107.763	ug/l	97
70) Styrene	10.659	104	324335	110.834	ug/l	98
71) Bromoform	10.805	173	82983	119.605	ug/l #	100
73) Isopropylbenzene	10.964	105	507421	101.217	ug/l	98
74) N-amyl acetate	10.848	43	213847	110.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	133831	100.167	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	138597m	103.045	ug/l	
77) Bromobenzene	11.201	156	120597	104.757	ug/l	95
78) n-propylbenzene	11.305	91	578046	101.652	ug/l	99
79) 2-Chlorotoluene	11.366	91	344868	99.949	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	421986	102.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	47330	123.238	ug/l	87
82) 4-Chlorotoluene	11.457	91	393842	99.457	ug/l	98
83) tert-Butylbenzene	11.720	119	394400	102.587	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	420165	102.183	ug/l	98
85) sec-Butylbenzene	11.890	105	515554	103.894	ug/l	99
86) p-Isopropyltoluene	12.012	119	443299	106.246	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227607	105.580	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	225548	103.722	ug/l	98
89) n-Butylbenzene	12.335	91	372868	105.015	ug/l	99
90) Hexachloroethane	12.543	117	70511	114.627	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	217249	106.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37762	116.047	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	146182	112.153	ug/l	98
94) Hexachlorobutadiene	13.725	225	60101	108.885	ug/l	98
95) Naphthalene	13.780	128	511519	116.401	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146784	113.801	ug/l	99

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

