

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030722\
 Data File : VX027323.D
 Acq On : 07 Mar 2022 13:45
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 07 14:26:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 07 14:02:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	64803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	102052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81759	104.313	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 208.620%#			
35) Dibromofluoromethane	5.391	113	68019	106.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 212.160%#			
50) Toluene-d8	8.653	98	264545	111.251	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 222.500%#			
62) 4-Bromofluorobenzene	11.085	95	111542	121.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 243.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	74477	113.793	ug/l	100
3) Chloromethane	1.294	50	56440	96.006	ug/l	99
4) Vinyl Chloride	1.374	62	56513	97.149	ug/l	99
5) Bromomethane	1.599	94	27644	100.455	ug/l	99
6) Chloroethane	1.672	64	32679	91.304	ug/l	100
7) Trichlorofluoromethane	1.880	101	95794	103.581	ug/l	98
8) Diethyl Ether	2.136	74	29702	94.604	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	65114	101.824	ug/l	95
10) Methyl Iodide	2.453	142	89331	105.435	ug/l	97
11) Tert butyl alcohol	2.983	59	80891	535.921	ug/l	96
12) 1,1-Dichloroethene	2.319	96	63504	102.442	ug/l	86
13) Acrolein	2.239	56	60120	444.499	ug/l	99
14) Allyl chloride	2.666	41	106944	98.905	ug/l	96
15) Acrylonitrile	3.075	53	193107	507.115	ug/l	99
16) Acetone	2.386	43	165843	490.562	ug/l	95
17) Carbon Disulfide	2.508	76	168950	104.381	ug/l	99
18) Methyl Acetate	2.709	43	84907	98.443	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	216538	102.062	ug/l	98
20) Methylene Chloride	2.788	84	70349	100.848	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	68070	102.592	ug/l	92
22) Diisopropyl ether	3.770	45	199498	95.029	ug/l	94
23) Vinyl Acetate	3.727	43	900430	506.453	ug/l	95
24) 1,1-Dichloroethane	3.611	63	120293	100.153	ug/l	100
25) 2-Butanone	4.568	43	267613	501.544	ug/l	96
26) 2,2-Dichloropropane	4.483	77	97296	110.323	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	79544	103.726	ug/l	94
28) Bromochloromethane	4.910	49	45185	93.338	ug/l	84
29) Tetrahydrofuran	5.013	42	172718	485.698	ug/l	92
30) Chloroform	5.099	83	127949	101.940	ug/l	99
31) Cyclohexane	5.471	56	106811	94.923	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	117521	108.023	ug/l	98
36) 1,1-Dichloropropene	5.696	75	95400	104.375	ug/l	97
37) Ethyl Acetate	4.721	43	101960	101.984	ug/l	96
38) Carbon Tetrachloride	5.678	117	108034	112.291	ug/l	99
39) Methylcyclohexane	7.385	83	118032	104.147	ug/l	93
40) Benzene	6.044	78	275996	103.469	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	54958	100.194	ug/l	94
42) 1,2-Dichloroethane	6.092	62	102408	107.024	ug/l	97
43) Isopropyl Acetate	6.348	43	163710	106.800	ug/l	95
44) Trichloroethene	7.129	130	85826	107.389	ug/l	92
45) 1,2-Dichloropropane	7.434	63	69908	107.527	ug/l	99
46) Dibromomethane	7.586	93	52907	112.366	ug/l	93
47) Bromodichloromethane	7.824	83	103847	112.594	ug/l	98
48) Methyl methacrylate	7.696	41	83241	111.854	ug/l	94
49) 1,4-Dioxane	7.665	88	39056	2260.987	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	557250	557.216	ug/l	95
52) Toluene	8.720	92	194251	113.192	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	117193	129.638	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	122728	119.819	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	78791	115.778	ug/l	97
56) Ethyl methacrylate	9.122	69	127056	120.620	ug/l	92
57) 1,3-Dichloropropane	9.311	76	132557	117.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	302379	594.237	ug/l	96
59) 2-Hexanone	9.433	43	458616	598.362	ug/l	95
60) Dibromochloromethane	9.525	129	92964	130.233	ug/l	100
61) 1,2-Dibromoethane	9.610	107	88883	122.810	ug/l	99
64) Tetrachloroethene	9.275	164	87258	92.939	ug/l	94
65) Chlorobenzene	10.079	112	223506	104.211	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86659	110.892	ug/l	99
67) Ethyl Benzene	10.195	91	395566	105.290	ug/l	99
68) m/p-Xylenes	10.305	106	307665	212.361	ug/l	97
69) o-Xylene	10.646	106	151990	104.733	ug/l	95
70) Styrene	10.659	104	257709	108.779	ug/l	98
71) Bromoform	10.805	173	71864	120.457	ug/l #	99
73) Isopropylbenzene	10.963	105	414976	105.875	ug/l	99
74) N-amyl acetate	10.848	43	165027	111.015	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	123563	106.100	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	116763m	105.422	ug/l	
77) Bromobenzene	11.201	156	102808	104.728	ug/l	92
78) n-propylbenzene	11.305	91	473301	106.314	ug/l	98
79) 2-Chlorotoluene	11.366	91	283785	103.999	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	350553	106.398	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	39400	114.299	ug/l	86
82) 4-Chlorotoluene	11.457	91	328173	105.173	ug/l	96
83) tert-Butylbenzene	11.719	119	350576	108.844	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	358107	107.693	ug/l	96
85) sec-Butylbenzene	11.896	105	450502	112.101	ug/l	98
86) p-Isopropyltoluene	12.012	119	387343	112.577	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	200938	109.005	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	197212	104.173	ug/l	98
89) n-Butylbenzene	12.335	91	320482	112.316	ug/l	99
90) Hexachloroethane	12.542	117	63185	118.521	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	191062	106.195	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33210	122.530	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	128379	112.705	ug/l	98
94) Hexachlorobutadiene	13.725	225	50845	107.827	ug/l	99
95) Naphthalene	13.774	128	450363	116.747	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	131786	115.370	ug/l	99

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

