

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027486.D
 Acq On : 17 Mar 2022 13:46
 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 17 14:47:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	357788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	585483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	424179	101.664	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 203.320%#			
35) Dibromofluoromethane	5.391	113	359670	95.204	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 190.400%#			
50) Toluene-d8	8.653	98	1319437	92.510	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 185.020%#			
62) 4-Bromofluorobenzene	11.085	95	486287	89.458	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 178.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	349597	95.322	ug/l	99
3) Chloromethane	1.294	50	292534	75.853	ug/l	100
4) Vinyl Chloride	1.373	62	348389	87.895	ug/l	100
5) Bromomethane	1.593	94	167711	96.395	ug/l	99
6) Chloroethane	1.672	64	215603	87.044	ug/l	99
7) Trichlorofluoromethane	1.879	101	569681	103.208	ug/l	96
8) Diethyl Ether	2.135	74	211757	98.457	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	338042	93.675	ug/l	95
10) Methyl Iodide	2.446	142	482922	94.808	ug/l	96
11) Tert butyl alcohol	2.983	59	394722	482.575	ug/l	100
12) 1,1-Dichloroethene	2.312	96	326310	94.059	ug/l	98
13) Acrolein	2.239	56	301399	525.680	ug/l	96
14) Allyl chloride	2.660	41	512754	94.229	ug/l	94
15) Acrylonitrile	3.068	53	917361	426.158	ug/l	98
16) Acetone	2.385	43	798005	435.417	ug/l	93
17) Carbon Disulfide	2.507	76	834006	88.485	ug/l	99
18) Methyl Acetate	2.708	43	408565	89.079	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1113051	96.836	ug/l	99
20) Methylene Chloride	2.788	84	353365	86.691	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	347005	89.991	ug/l	98
22) Diisopropyl ether	3.763	45	1000670	91.987	ug/l #	87
23) Vinyl Acetate	3.727	43	4439850	487.871	ug/l	97
24) 1,1-Dichloroethane	3.611	63	610972	92.497	ug/l	98
25) 2-Butanone	4.562	43	1279974	445.363	ug/l	98
26) 2,2-Dichloropropane	4.476	77	520792	109.964	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	411197	91.913	ug/l	98
28) Bromochloromethane	4.903	49	240739	87.594	ug/l	93
29) Tetrahydrofuran	5.007	42	842944	443.271	ug/l	93
30) Chloroform	5.098	83	666573	95.611	ug/l	99
31) Cyclohexane	5.470	56	539387	92.421	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	620476	104.131	ug/l	99
36) 1,1-Dichloropropene	5.696	75	490474	93.509	ug/l	99
37) Ethyl Acetate	4.720	43	500192	90.467	ug/l	98
38) Carbon Tetrachloride	5.677	117	571311	105.334	ug/l	98
39) Methylcyclohexane	7.385	83	639997	96.625	ug/l	98
40) Benzene	6.043	78	1418318	88.780	ug/l	100

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41) Methacrylonitrile	4.928	41	269366	90.360	ug/l	94
42) 1,2-Dichloroethane	6.092	62	525196	100.637	ug/l	98
43) Isopropyl Acetate	6.348	43	797105	95.636	ug/l	99
44) Trichloroethene	7.128	130	435297	99.205	ug/l	100
45) 1,2-Dichloropropane	7.433	63	377910	94.407	ug/l	97
46) Dibromomethane	7.586	93	278488	97.785	ug/l	97
47) Bromodichloromethane	7.823	83	530728	100.909	ug/l	99
48) Methyl methacrylate	7.695	41	396201	95.592	ug/l	94
49) 1,4-Dioxane	7.665	88	190372	1754.024	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	2433066	436.022	ug/l	96
52) Toluene	8.720	92	927790	91.098	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	574445	106.449	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	607313	100.256	ug/l #	92
55) 1,1,2-Trichloroethane	9.152	97	379690	89.333	ug/l	98
56) Ethyl methacrylate	9.122	69	589178	93.979	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	611353	89.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1455939	459.968	ug/l	97
59) 2-Hexanone	9.433	43	1852295	429.725	ug/l	93
60) Dibromochloromethane	9.524	129	437741	100.910	ug/l	96
61) 1,2-Dibromoethane	9.616	107	418847	95.426	ug/l	98
64) Tetrachloroethene	9.274	164	377827	107.345	ug/l	97
65) Chlorobenzene	10.079	112	1016045	96.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	394991	106.916	ug/l	98
67) Ethyl Benzene	10.195	91	1772270	97.256	ug/l	96
68) m/p-Xylenes	10.305	106	1412522	197.618	ug/l	98
69) o-Xylene	10.646	106	691318	97.962	ug/l	100
70) Styrene	10.658	104	1145629	97.801	ug/l	98
71) Bromoform	10.805	173	328847	108.994	ug/l	99
73) Isopropylbenzene	10.963	105	1783683	96.278	ug/l	99
74) N-amyl acetate	10.847	43	666285	98.400	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	544669	85.553	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	503630m	90.618	ug/l	
77) Bromobenzene	11.201	156	456299	97.604	ug/l	94
78) n-propylbenzene	11.305	91	2016717	96.774	ug/l	97
79) 2-Chlorotoluene	11.365	91	1217016	93.441	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1532047	96.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	183311	106.669	ug/l	93
82) 4-Chlorotoluene	11.457	91	1409609	95.672	ug/l	98
83) tert-Butylbenzene	11.719	119	1527700	96.224	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1519751	96.473	ug/l	100
85) sec-Butylbenzene	11.896	105	1851938	96.714	ug/l	99
86) p-Isopropyltoluene	12.012	119	1602158	98.826	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	840506	95.696	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	837736	94.207	ug/l	99
89) n-Butylbenzene	12.335	91	1359684	100.129	ug/l	98
90) Hexachloroethane	12.542	117	268176	106.133	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	813207	93.907	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	136336	102.211	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	541229	95.214	ug/l	99
94) Hexachlorobutadiene	13.725	225	231518	92.885	ug/l	95
95) Naphthalene	13.780	128	1785124	93.546	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	537789	94.673	ug/l	96

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

