

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030016.D
 Acq On : 12 Jul 2022 13:30
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 12 13:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:34:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	212043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238161	88.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 177.460%#			
35) Dibromofluoromethane	5.391	113	215603	92.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 184.020%#			
50) Toluene-d8	8.653	98	833269	94.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 189.580%#			
62) 4-Bromofluorobenzene	11.085	95	300108	96.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.160%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	231778	112.089	ug/l	100
3) Chloromethane	1.288	50	222990	93.595	ug/l	99
4) Vinyl Chloride	1.373	62	243610	102.807	ug/l	97
5) Bromomethane	1.605	94	89676	68.687	ug/l	97
6) Chloroethane	1.672	64	122649	88.572	ug/l	95
7) Trichlorofluoromethane	1.879	101	305960	100.586	ug/l	93
8) Diethyl Ether	2.135	74	123190	90.351	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.324	101	202691	95.314	ug/l	97
10) Methyl Iodide	2.446	142	214530	83.215	ug/l	100
11) Tert butyl alcohol	3.019	59	290012	413.146	ug/l	99
12) 1,1-Dichloroethene	2.318	96	209661	96.010	ug/l	96
13) Acrolein	2.239	56	61504	175.388	ug/l	98
14) Allyl chloride	2.666	41	366943	91.050	ug/l	99
15) Acrylonitrile	3.068	53	719691	439.168	ug/l	99
16) Acetone	2.391	43	561954	427.944	ug/l	99
17) Carbon Disulfide	2.507	76	587559	108.207	ug/l	98
18) Methyl Acetate	2.708	43	333222	82.310	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	661221	89.685	ug/l	98
20) Methylene Chloride	2.788	84	234731	84.641	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	223561	93.339	ug/l	98
22) Diisopropyl ether	3.769	45	720828	88.509	ug/l #	87
23) Vinyl Acetate	3.727	43	3210505	455.798	ug/l	99
24) 1,1-Dichloroethane	3.611	63	388134	90.369	ug/l	99
25) 2-Butanone	4.568	43	1005653	441.235	ug/l	98
26) 2,2-Dichloropropane	4.483	77	271264	96.228	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	262255	92.737	ug/l	97
28) Bromochloromethane	4.897	49	160289	93.114	ug/l	96
29) Tetrahydrofuran	5.013	42	681905	454.634	ug/l	100
30) Chloroform	5.098	83	389648	92.517	ug/l	99
31) Cyclohexane	5.476	56	361763	96.666	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	322629	96.200	ug/l	98
36) 1,1-Dichloropropene	5.696	75	292205	93.760	ug/l	99
37) Ethyl Acetate	4.720	43	386034	90.567	ug/l	99
38) Carbon Tetrachloride	5.684	117	275312	101.949	ug/l	96
39) Methylcyclohexane	7.384	83	386398	102.543	ug/l	99
40) Benzene	6.043	78	934785	92.761	ug/l	98

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41) Methacrylonitrile	4.928	41	207329	91.501	ug/l	99
42) 1,2-Dichloroethane	6.092	62	287666	93.010	ug/l	100
43) Isopropyl Acetate	6.348	43	580800	90.488	ug/l	100
44) Trichloroethene	7.128	130	253931	93.566	ug/l	99
45) 1,2-Dichloropropane	7.433	63	235918	88.620	ug/l	100
46) Dibromomethane	7.586	93	163025	93.612	ug/l	98
47) Bromodichloromethane	7.823	83	302858	97.023	ug/l	97
48) Methyl methacrylate	7.695	41	274445	90.182	ug/l	98
49) 1,4-Dioxane	7.677	88	135418	1879.177	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	1862651	440.091	ug/l	99
52) Toluene	8.720	92	574977	94.553	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	335580	100.883	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	370584	98.586	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	236110	89.121	ug/l	99
56) Ethyl methacrylate	9.122	69	388605	93.033	ug/l	99
57) 1,3-Dichloropropane	9.311	76	382261	89.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1014052	508.762	ug/l	99
59) 2-Hexanone	9.439	43	1468408	447.062	ug/l	100
60) Dibromochloromethane	9.524	129	241799	103.298	ug/l	100
61) 1,2-Dibromoethane	9.616	107	252019	93.087	ug/l	98
64) Tetrachloroethene	9.274	164	237027	117.737	ug/l	99
65) Chlorobenzene	10.079	112	611584	91.283	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	216029	96.502	ug/l	99
67) Ethyl Benzene	10.195	91	1092009	93.707	ug/l	100
68) m/p-Xylenes	10.305	106	840718	188.103	ug/l	99
69) o-Xylene	10.646	106	416352	91.969	ug/l	100
70) Styrene	10.658	104	708675	94.702	ug/l	99
71) Bromoform	10.805	173	178622	111.863	ug/l	98
73) Isopropylbenzene	10.963	105	1068567	93.207	ug/l	99
74) N-amyl acetate	10.847	43	509114	89.693	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	366893	81.290	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	336166m	88.632	ug/l	
77) Bromobenzene	11.201	156	255163	92.534	ug/l	99
78) n-propylbenzene	11.304	91	1290874	95.470	ug/l	100
79) 2-Chlorotoluene	11.365	91	744162	92.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	883368	92.816	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	129935	108.796	ug/l	97
82) 4-Chlorotoluene	11.457	91	847279	92.512	ug/l	100
83) tert-Butylbenzene	11.719	119	839448	88.998	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	891253	93.482	ug/l	100
85) sec-Butylbenzene	11.896	105	1154481	97.130	ug/l	100
86) p-Isopropyltoluene	12.012	119	924355	97.437	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	482729	91.178	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	481123	89.060	ug/l	99
89) n-Butylbenzene	12.335	91	869677	97.525	ug/l	99
90) Hexachloroethane	12.542	117	163902	105.912	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	463963	89.203	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	90889	96.368	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	304933	96.745	ug/l	98
94) Hexachlorobutadiene	13.725	225	113966	97.743	ug/l	99
95) Naphthalene	13.780	128	1200608	93.821	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	312759	96.925	ug/l	99

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

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