

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028627.D
 Acq On : 11 May 2022 17:46
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/13/2022

Quant Time: May 12 05:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 05:37:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	332693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	516741	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	368302	100.323	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 200.640%#			
35) Dibromofluoromethane	5.391	113	338984	104.265	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 208.540%#			
50) Toluene-d8	8.653	98	1267701	105.033	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 210.060%#			
62) 4-Bromofluorobenzene	11.085	95	489872	110.109	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 220.220%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	187832	79.574	ug/l	99
3) Chloromethane	1.288	50	150625	72.043	ug/l	100
4) Vinyl Chloride	1.374	62	195116	76.860	ug/l	100
5) Bromomethane	1.599	94	144579	76.244	ug/l	98
6) Chloroethane	1.672	64	152658	71.972	ug/l	97
7) Trichlorofluoromethane	1.880	101	419185	85.617	ug/l	97
8) Diethyl Ether	2.136	74	169717	90.997	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	242592	89.085	ug/l	97
10) Methyl Iodide	2.453	142	289873	99.776	ug/l	100
11) Tert butyl alcohol	2.983	59	366917	459.290	ug/l	99
12) 1,1-Dichloroethene	2.318	96	203238	87.322	ug/l	98
13) Acrolein	2.233	56	304487	487.970	ug/l	100
14) Allyl chloride	2.660	41	314313	94.296	ug/l	99
15) Acrylonitrile	3.068	53	778494	494.713	ug/l	99
16) Acetone	2.379	43	631695	464.402	ug/l	100
17) Carbon Disulfide	2.507	76	250635	65.101	ug/l	99
18) Methyl Acetate	2.703	43	353520	96.181	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	903212	99.265	ug/l	97
20) Methylene Chloride	2.788	84	260537	87.206	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	229121	88.650	ug/l	98
22) Diisopropyl ether	3.763	45	780815	97.974	ug/l	98
23) Vinyl Acetate	3.721	43	3296855	504.140	ug/l	98
24) 1,1-Dichloroethane	3.611	63	460541	94.932	ug/l	99
25) 2-Butanone	4.556	43	1069052	497.901	ug/l	99
26) 2,2-Dichloropropane	4.477	77	387856	102.959	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	323966	95.651	ug/l	99
28) Bromochloromethane	4.903	49	221284	100.159	ug/l	99
29) Tetrahydrofuran	5.007	42	658312	487.644	ug/l	99
30) Chloroform	5.098	83	545352	96.716	ug/l	98
31) Cyclohexane	5.470	56	288760	90.125	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	468104	98.590	ug/l	99
36) 1,1-Dichloropropene	5.696	75	331896	93.346	ug/l	100
37) Ethyl Acetate	4.714	43	397427	100.056	ug/l	99
38) Carbon Tetrachloride	5.684	117	404631	99.868	ug/l	98
39) Methylcyclohexane	7.385	83	334379	87.563	ug/l	98
40) Benzene	6.043	78	1049485	94.910	ug/l	100

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41) Methacrylonitrile	4.922	41	217308	105.149	ug/l	98
42) 1,2-Dichloroethane	6.086	62	388869	95.931	ug/l	100
43) Isopropyl Acetate	6.342	43	643356	104.257	ug/l	99
44) Trichloroethene	7.129	130	321541	97.205	ug/l	100
45) 1,2-Dichloropropane	7.433	63	281818	98.816	ug/l	100
46) Dibromomethane	7.586	93	215782	98.623	ug/l	98
47) Bromodichloromethane	7.824	83	434845	106.234	ug/l	99
48) Methyl methacrylate	7.696	41	303139	103.967	ug/l	99
49) 1,4-Dioxane	7.665	88	178343	2043.973	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	2205480	527.937	ug/l	98
52) Toluene	8.720	92	730167	97.122	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	461938	117.059	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	483003	109.982	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	346205	101.842	ug/l	100
56) Ethyl methacrylate	9.116	69	514402	111.314	ug/l	100
57) 1,3-Dichloropropane	9.311	76	533076	101.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1293568	530.488	ug/l	99
59) 2-Hexanone	9.433	43	1769700	545.746	ug/l	99
60) Dibromochloromethane	9.525	129	380107	113.734	ug/l	99
61) 1,2-Dibromoethane	9.610	107	358537	104.017	ug/l	99
64) Tetrachloroethene	9.275	164	308449	95.451	ug/l	99
65) Chlorobenzene	10.079	112	894601	99.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	357650	109.752	ug/l	100
67) Ethyl Benzene	10.195	91	1491528	101.213	ug/l	99
68) m/p-Xylenes	10.305	106	1212967	205.176	ug/l	98
69) o-Xylene	10.646	106	616458	104.186	ug/l	99
70) Styrene	10.658	104	1065678	109.320	ug/l	99
71) Bromoform	10.805	173	314004	120.947	ug/l	100
73) Isopropylbenzene	10.963	105	1602867	98.254	ug/l	99
74) N-amyl acetate	10.847	43	623117	111.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	563258	96.749	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	499740m	87.559	ug/l	
77) Bromobenzene	11.201	156	441226	101.807	ug/l	99
78) n-propylbenzene	11.305	91	1819238	101.453	ug/l	99
79) 2-Chlorotoluene	11.366	91	1112906	97.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1385291	102.312	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	173029	119.575	ug/l	96
82) 4-Chlorotoluene	11.457	91	1305390	101.564	ug/l	99
83) tert-Butylbenzene	11.719	119	1411449	102.846	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1399040	103.419	ug/l	100
85) sec-Butylbenzene	11.890	105	1682303	103.930	ug/l	100
86) p-Isopropyltoluene	12.012	119	1471253	105.524	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	846071	102.835	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	849975	101.114	ug/l	100
89) n-Butylbenzene	12.335	91	1233841	108.743	ug/l	99
90) Hexachloroethane	12.542	117	258161	115.056	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	841045	100.742	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	128351	108.616	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	536354	108.199	ug/l	99
94) Hexachlorobutadiene	13.725	225	218450	101.743	ug/l	99
95) Naphthalene	13.774	128	1836857	110.914	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	538239	106.933	ug/l	99

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

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