

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028154.D
 Acq On : 19 Apr 2022 12:42
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 19 13:10:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:04:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	311755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	480384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	392520	92.701	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 185.400%#			
35) Dibromofluoromethane	5.391	113	357437	111.952	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 223.900%#			
50) Toluene-d8	8.653	98	1343584	112.500	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 225.000%#			
62) 4-Bromofluorobenzene	11.085	95	549092	122.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 245.120%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179871	62.822	ug/l	99
3) Chloromethane	1.288	50	201889	63.387	ug/l	99
4) Vinyl Chloride	1.374	62	292478	75.373	ug/l	100
5) Bromomethane	1.599	94	266848	62.572	ug/l	100
6) Chloroethane	1.672	64	224094	67.129	ug/l	99
7) Trichlorofluoromethane	1.880	101	621160	80.224	ug/l	99
8) Diethyl Ether	2.130	74	208585	70.938	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	255660	84.714	ug/l	97
10) Methyl Iodide	2.447	142	354874	100.028	ug/l	95
11) Tert butyl alcohol	2.983	59	395265	417.552	ug/l	99
12) 1,1-Dichloroethene	2.319	96	242116	81.949	ug/l	95
13) Acrolein	2.233	56	220346	384.020	ug/l	99
14) Allyl chloride	2.660	41	404880	76.931	ug/l	92
15) Acrylonitrile	3.062	53	820283	414.032	ug/l	100
16) Acetone	2.380	43	642672	379.917	ug/l	94
17) Carbon Disulfide	2.508	76	641338	82.574	ug/l	99
18) Methyl Acetate	2.703	43	353312	77.781	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1044629	91.724	ug/l	98
20) Methylene Chloride	2.788	84	296970	86.855	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	334024	91.478	ug/l	92
22) Diisopropyl ether	3.763	45	881720	77.981	ug/l	93
23) Vinyl Acetate	3.721	43	3914234	391.182	ug/l	98
24) 1,1-Dichloroethane	3.611	63	544164	88.437	ug/l	98
25) 2-Butanone	4.556	43	1143546	386.898	ug/l	98
26) 2,2-Dichloropropane	4.477	77	531318	91.750	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	390353	94.343	ug/l	92
28) Bromochloromethane	4.897	49	220339	82.877	ug/l	85
29) Tetrahydrofuran	5.001	42	740683	385.066	ug/l	99
30) Chloroform	5.099	83	639473	91.695	ug/l	100
31) Cyclohexane	5.470	56	483383	85.232	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	606534	95.725	ug/l	97
36) 1,1-Dichloropropene	5.696	75	462916	97.623	ug/l	97
37) Ethyl Acetate	4.714	43	443721	81.850	ug/l	99
38) Carbon Tetrachloride	5.678	117	549454	107.189	ug/l	99
39) Methylcyclohexane	7.385	83	575290	101.712	ug/l	95
40) Benzene	6.043	78	1336136	96.701	ug/l	100

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41) Methacrylonitrile	4.922	41	231371	80.179	ug/l	99
42) 1,2-Dichloroethane	6.086	62	476414	91.720	ug/l	100
43) Isopropyl Acetate	6.342	43	731231	81.188	ug/l	98
44) Trichloroethene	7.129	130	392597	105.791	ug/l	98
45) 1,2-Dichloropropane	7.433	63	313656	90.631	ug/l	98
46) Dibromomethane	7.580	93	256632	99.731	ug/l	98
47) Bromodichloromethane	7.824	83	500257	100.482	ug/l	99
48) Methyl methacrylate	7.696	41	336809	81.477	ug/l	93
49) 1,4-Dioxane	7.665	88	188903	2010.146	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	2344000	408.825	ug/l	99
52) Toluene	8.720	92	943516	101.795	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	571750	102.443	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	582648	100.144	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	386925	102.890	ug/l	98
56) Ethyl methacrylate	9.116	69	584526	99.897	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	603894	97.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1327319	498.885	ug/l	91
59) 2-Hexanone	9.433	43	1861675	416.925	ug/l	97
60) Dibromochloromethane	9.525	129	462745	114.317	ug/l	96
61) 1,2-Dibromoethane	9.610	107	438037	106.190	ug/l	99
64) Tetrachloroethene	9.275	164	391091	101.802	ug/l	98
65) Chlorobenzene	10.079	112	1076994	101.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	422077	107.728	ug/l	98
67) Ethyl Benzene	10.195	91	1815889	98.059	ug/l	95
68) m/p-Xylenes	10.305	106	1521009	195.986	ug/l	92
69) o-Xylene	10.646	106	756138	100.082	ug/l	93
70) Styrene	10.659	104	1294355	99.771	ug/l	98
71) Bromoform	10.799	173	377730	116.329	ug/l #	99
73) Isopropylbenzene	10.963	105	1961944	97.156	ug/l	97
74) N-amyl acetate	10.848	43	675673	80.574	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	609247	87.259	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	550157m	88.222	ug/l	
77) Bromobenzene	11.201	156	535014	107.529	ug/l	88
78) n-propylbenzene	11.305	91	2234867	95.696	ug/l	94
79) 2-Chlorotoluene	11.366	91	1349022	94.794	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	1723907	98.725	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	211255	96.677	ug/l	98
82) 4-Chlorotoluene	11.457	91	1577867	94.564	ug/l	92
83) tert-Butylbenzene	11.719	119	1769726	103.995	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1738631	101.485	ug/l	96
85) sec-Butylbenzene	11.890	105	2156132	100.065	ug/l	95
86) p-Isopropyltoluene	12.012	119	1888903	102.885	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1012092	104.358	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	1031843	101.363	ug/l	99
89) n-Butylbenzene	12.335	91	1542331	99.019	ug/l	97
90) Hexachloroethane	12.542	117	332406	108.635	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	969080	100.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	146033	94.934	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	623129	114.924	ug/l	100
94) Hexachlorobutadiene	13.725	225	262114	117.861	ug/l	94
95) Naphthalene	13.780	128	2064267	109.369	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	623317	115.738	ug/l	96

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

