

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028296.D
 Acq On : 22 Apr 2022 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 06:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	373233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	588944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212762	43.719	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.440%		
35) Dibromofluoromethane	5.391	113	196787	47.646	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.300%		
50) Toluene-d8	8.653	98	718909	45.319	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.640%		
62) 4-Bromofluorobenzene	11.079	95	265947	43.846	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	153577	63.743	ug/l	99
3) Chloromethane	1.288	50	143046	59.343	ug/l	100
4) Vinyl Chloride	1.374	62	169439	45.032	ug/l	98
5) Bromomethane	1.605	94	200571	61.754	ug/l	99
6) Chloroethane	1.685	64	122512	45.160	ug/l	97
7) Trichlorofluoromethane	1.886	101	329943	39.766	ug/l	96
8) Diethyl Ether	2.136	74	118022	47.168	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	165635	54.802	ug/l	97
10) Methyl Iodide	2.453	142	207209	50.116	ug/l	96
11) Tert butyl alcohol	3.002	59	201238	214.516	ug/l	98
12) 1,1-Dichloroethene	2.319	96	156216	54.461	ug/l	91
13) Acrolein	2.233	56	177985	298.423	ug/l	98
14) Allyl chloride	2.666	41	212861	44.226	ug/l	93
15) Acrylonitrile	3.063	53	444734	224.251	ug/l	99
16) Acetone	2.380	43	368984	248.232	ug/l	94
17) Carbon Disulfide	2.514	76	344140	44.552	ug/l	100
18) Methyl Acetate	2.703	43	196344	45.377	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	566014	47.321	ug/l	96
20) Methylene Chloride	2.788	84	178366	49.397	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	178152	45.669	ug/l	92
22) Diisopropyl ether	3.764	45	484071	44.157	ug/l	93
23) Vinyl Acetate	3.721	43	2124604	221.838	ug/l	98
24) 1,1-Dichloroethane	3.611	63	301816	46.628	ug/l	98
25) 2-Butanone	4.556	43	606931	210.584	ug/l	95
26) 2,2-Dichloropropane	4.477	77	234440	37.095	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	214085	46.026	ug/l	90
28) Bromochloromethane	4.904	49	117024	42.139	ug/l	83
29) Tetrahydrofuran	5.007	42	390844	207.977	ug/l	98
30) Chloroform	5.099	83	346743	44.606	ug/l	98
31) Cyclohexane	5.471	56	252056	42.512	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	314978	44.747	ug/l	97
36) 1,1-Dichloropropene	5.696	75	243225	45.146	ug/l	97
37) Ethyl Acetate	4.715	43	239775	43.862	ug/l	100
38) Carbon Tetrachloride	5.684	117	277333	45.600	ug/l	98
39) Methylcyclohexane	7.385	83	294849	43.375	ug/l	94
40) Benzene	6.044	78	725763	46.021	ug/l	99

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41) Methacrylonitrile	4.928	41	125828	44.613	ug/l	99
42) 1,2-Dichloroethane	6.092	62	254659	43.501	ug/l	99
43) Isopropyl Acetate	6.342	43	384172	43.180	ug/l	98
44) Trichloroethene	7.129	130	220039	48.115	ug/l	99
45) 1,2-Dichloropropane	7.434	63	173222	44.874	ug/l	99
46) Dibromomethane	7.586	93	139350	46.019	ug/l	99
47) Bromodichloromethane	7.824	83	259241	44.544	ug/l	98
48) Methyl methacrylate	7.696	41	179486	43.941	ug/l	92
49) 1,4-Dioxane	7.671	88	94760	867.182	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1227697	215.036	ug/l	97
52) Toluene	8.720	92	491711	44.879	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	272303	44.024	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	292784	44.081	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	205682	46.204	ug/l	98
56) Ethyl methacrylate	9.116	69	298784	46.303	ug/l #	95
57) 1,3-Dichloropropane	9.311	76	325343	45.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	682066	225.280	ug/l	91
59) 2-Hexanone	9.433	43	944201	213.500	ug/l	96
60) Dibromochloromethane	9.525	129	222539	45.856	ug/l	96
61) 1,2-Dibromoethane	9.610	107	225244	46.122	ug/l	100
64) Tetrachloroethene	9.275	164	211411	49.047	ug/l	98
65) Chlorobenzene	10.080	112	557830	47.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	211667	48.294	ug/l	99
67) Ethyl Benzene	10.195	91	943075	47.802	ug/l	96
68) m/p-Xylenes	10.305	106	769016	95.774	ug/l	94
69) o-Xylene	10.640	106	377709	47.181	ug/l	95
70) Styrene	10.659	104	628148	48.433	ug/l	98
71) Bromoform	10.799	173	164351	41.306	ug/l #	99
73) Isopropylbenzene	10.964	105	978501	47.725	ug/l	98
74) N-amyl acetate	10.842	43	330421	46.627	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	312807	47.016	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	273627m	46.609	ug/l	
77) Bromobenzene	11.201	156	255713	47.889	ug/l	88
78) n-propylbenzene	11.305	91	1088646	47.884	ug/l	96
79) 2-Chlorotoluene	11.366	91	652632	46.173	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	827478	47.545	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	84193	42.619	ug/l	94
82) 4-Chlorotoluene	11.457	91	753003	46.248	ug/l	94
83) tert-Butylbenzene	11.713	119	849394	47.795	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	828513	47.890	ug/l	97
85) sec-Butylbenzene	11.890	105	1020056	47.576	ug/l	98
86) p-Isopropyltoluene	12.012	119	888593	48.040	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	482669	48.107	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	491619	46.666	ug/l	99
89) n-Butylbenzene	12.335	91	705603	46.457	ug/l	96
90) Hexachloroethane	12.543	117	139618	42.242	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	487653	48.926	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	69140	46.728	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	309250	52.166	ug/l	100
94) Hexachlorobutadiene	13.725	225	122301	46.233	ug/l	95
95) Naphthalene	13.774	128	1058623	53.606	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	312041	53.625	ug/l	97

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

