

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028294.D
 Acq On : 22 Apr 2022 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 23 06:46:11 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	355086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	566335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	542836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	298422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208509	45.035	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.080%		
35) Dibromofluoromethane	5.385	113	188764	47.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.060%		
50) Toluene-d8	8.653	98	706099	46.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.580%		
62) 4-Bromofluorobenzene	11.079	95	270443	46.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	149097	65.046	ug/l	99
3) Chloromethane	1.288	50	138067	60.242	ug/l	100
4) Vinyl Chloride	1.374	62	167618	46.825	ug/l	99
5) Bromomethane	1.599	94	125379	37.220	ug/l	96
6) Chloroethane	1.679	64	118278	45.878	ug/l	98
7) Trichlorofluoromethane	1.886	101	319680	40.498	ug/l	99
8) Diethyl Ether	2.130	74	113338	47.642	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	160643	55.867	ug/l	98
10) Methyl Iodide	2.453	142	176052	45.317	ug/l	98
11) Tert butyl alcohol	2.965	59	181182	202.452	ug/l	99
12) 1,1-Dichloroethene	2.319	96	153134	56.115	ug/l	94
13) Acrolein	2.233	56	167000	294.315	ug/l	98
14) Allyl chloride	2.666	41	207223	45.255	ug/l	93
15) Acrylonitrile	3.062	53	430119	227.966	ug/l	99
16) Acetone	2.380	43	349837	247.374	ug/l	96
17) Carbon Disulfide	2.514	76	334883	45.569	ug/l	100
18) Methyl Acetate	2.703	43	188272	45.735	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	548580	48.207	ug/l	97
20) Methylene Chloride	2.788	84	173603	50.535	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	173883	46.853	ug/l	93
22) Diisopropyl ether	3.764	45	471806	45.238	ug/l	92
23) Vinyl Acetate	3.721	43	2057761	225.839	ug/l	99
24) 1,1-Dichloroethane	3.611	63	290028	47.097	ug/l	99
25) 2-Butanone	4.556	43	581121	211.933	ug/l	97
26) 2,2-Dichloropropane	4.483	77	227297	37.803	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	211592	47.815	ug/l	89
28) Bromochloromethane	4.897	49	118670	44.916	ug/l	85
29) Tetrahydrofuran	5.001	42	372405	208.293	ug/l	99
30) Chloroform	5.099	83	332810	45.002	ug/l	100
31) Cyclohexane	5.477	56	246998	43.788	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	302168	45.121	ug/l	98
36) 1,1-Dichloropropene	5.696	75	233041	44.983	ug/l	97
37) Ethyl Acetate	4.715	43	228976	43.558	ug/l	99
38) Carbon Tetrachloride	5.684	117	267407	45.723	ug/l	98
39) Methylcyclohexane	7.385	83	283318	43.342	ug/l	95
40) Benzene	6.044	78	699530	46.128	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	118987	43.872	ug/l	98
42) 1,2-Dichloroethane	6.086	62	248870	44.210	ug/l	99
43) Isopropyl Acetate	6.342	43	369936	43.240	ug/l	98
44) Trichloroethene	7.129	130	210878	47.952	ug/l	94
45) 1,2-Dichloropropane	7.434	63	167575	45.144	ug/l	98
46) Dibromomethane	7.586	93	135560	46.555	ug/l	100
47) Bromodichloromethane	7.824	83	248446	44.393	ug/l	100
48) Methyl methacrylate	7.696	41	175129	44.586	ug/l	94
49) 1,4-Dioxane	7.659	88	86764	825.706	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1195156	217.693	ug/l	98
52) Toluene	8.720	92	481868	45.737	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	265549	44.646	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	283153	44.333	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	203654	47.575	ug/l	98
56) Ethyl methacrylate	9.116	69	299731	48.304	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	316951	45.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	689732	236.906	ug/l	91
59) 2-Hexanone	9.433	43	928178	218.255	ug/l	96
60) Dibromochloromethane	9.525	129	219584	47.054	ug/l	97
61) 1,2-Dibromoethane	9.610	107	222245	47.324	ug/l	99
64) Tetrachloroethene	9.275	164	205545	48.477	ug/l	96
65) Chlorobenzene	10.079	112	550342	47.551	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	209788	48.659	ug/l	99
67) Ethyl Benzene	10.195	91	933766	48.115	ug/l	96
68) m/p-Xylenes	10.305	106	766704	97.069	ug/l	94
69) o-Xylene	10.646	106	381519	48.447	ug/l	94
70) Styrene	10.659	104	631494	49.498	ug/l	98
71) Bromoform	10.799	173	166150	42.352	ug/l	99
73) Isopropylbenzene	10.963	105	980568	47.806	ug/l	98
74) N-amyl acetate	10.842	43	332258	46.866	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	311209	46.756	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	277741m	47.290	ug/l	
77) Bromobenzene	11.201	156	263292	49.287	ug/l	88
78) n-propylbenzene	11.305	91	1083338	47.631	ug/l	95
79) 2-Chlorotoluene	11.366	91	660042	46.677	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	837989	48.129	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	83862	42.433	ug/l	93
82) 4-Chlorotoluene	11.457	91	762518	46.813	ug/l	94
83) tert-Butylbenzene	11.719	119	851982	47.920	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	838982	48.474	ug/l	97
85) sec-Butylbenzene	11.890	105	1021563	47.626	ug/l	97
86) p-Isopropyltoluene	12.012	119	893638	48.292	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	489737	48.790	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	497264	47.182	ug/l	99
89) n-Butylbenzene	12.335	91	704194	46.345	ug/l	98
90) Hexachloroethane	12.542	117	142737	43.128	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	491694	49.311	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67321	45.479	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	308100	51.950	ug/l	99
94) Hexachlorobutadiene	13.725	225	122496	46.288	ug/l	94
95) Naphthalene	13.774	128	1038797	52.580	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	302723	52.002	ug/l	96

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

