

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027388.D
 Acq On : 10 Mar 2022 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 11 00:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	321570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176058	46.949	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.900%		
35) Dibromofluoromethane	5.391	113	168528	52.339	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.680%		
50) Toluene-d8	8.653	98	629468	51.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.560%		
62) 4-Bromofluorobenzene	11.085	95	234476	50.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	159142	48.280	ug/l	99
3) Chloromethane	1.294	50	154852	44.675	ug/l	99
4) Vinyl Chloride	1.373	62	161268	45.269	ug/l	98
5) Bromomethane	1.599	94	70446	48.767	ug/l	99
6) Chloroethane	1.678	64	95189	45.849	ug/l	99
7) Trichlorofluoromethane	1.885	101	230563	46.475	ug/l	98
8) Diethyl Ether	2.135	74	88340	45.700	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	154583	47.661	ug/l	94
10) Methyl Iodide	2.452	142	237897	51.965	ug/l	98
11) Tert butyl alcohol	2.971	59	177698	241.717	ug/l	99
12) 1,1-Dichloroethene	2.318	96	152576	48.934	ug/l	91
13) Acrolein	2.239	56	136264	264.430	ug/l	99
14) Allyl chloride	2.666	41	226122	46.235	ug/l	95
15) Acrylonitrile	3.062	53	459471	237.486	ug/l	100
16) Acetone	2.379	43	346835	238.512	ug/l	99
17) Carbon Disulfide	2.507	76	376724	44.471	ug/l	99
18) Methyl Acetate	2.702	43	190542	46.223	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	500207	48.420	ug/l	99
20) Methylene Chloride	2.788	84	172139	46.987	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	162413	46.864	ug/l	95
22) Diisopropyl ether	3.763	45	459875	47.036	ug/l	92
23) Vinyl Acetate	3.727	43	1969034	240.735	ug/l	99
24) 1,1-Dichloroethane	3.611	63	283713	47.790	ug/l	99
25) 2-Butanone	4.562	43	593845	229.899	ug/l	97
26) 2,2-Dichloropropane	4.476	77	191589	45.010	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	193822	48.204	ug/l	92
28) Bromochloromethane	4.903	49	102023	41.303	ug/l	89
29) Tetrahydrofuran	5.007	42	395237	231.248	ug/l	97
30) Chloroform	5.098	83	300008	47.879	ug/l	100
31) Cyclohexane	5.476	56	246842	47.059	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	263978	49.292	ug/l	96
36) 1,1-Dichloropropene	5.696	75	219148	49.020	ug/l	97
37) Ethyl Acetate	4.720	43	224077	47.550	ug/l	98
38) Carbon Tetrachloride	5.684	117	238690	51.633	ug/l	98
39) Methylcyclohexane	7.384	83	277397	49.137	ug/l	100
40) Benzene	6.043	78	671655	49.327	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	123558	48.630	ug/l	98
42) 1,2-Dichloroethane	6.092	62	216935	48.771	ug/l	98
43) Isopropyl Acetate	6.342	43	344327	48.470	ug/l	99
44) Trichloroethene	7.128	130	194324	51.961	ug/l	99
45) 1,2-Dichloropropane	7.433	63	170655	50.019	ug/l	97
46) Dibromomethane	7.580	93	123822	51.011	ug/l	95
47) Bromodichloromethane	7.823	83	229952	51.297	ug/l	99
48) Methyl methacrylate	7.695	41	173978	49.250	ug/l	95
49) 1,4-Dioxane	7.665	88	93588	1011.702	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	1162429	244.411	ug/l	99
52) Toluene	8.720	92	446155	51.398	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	241379	52.480	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	269432	52.185	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	188170	51.944	ug/l	99
56) Ethyl methacrylate	9.122	69	277123	51.863	ug/l	97
57) 1,3-Dichloropropane	9.311	76	294582	50.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	675201	250.275	ug/l	97
59) 2-Hexanone	9.433	43	895946	243.872	ug/l	97
60) Dibromochloromethane	9.524	129	201370	54.464	ug/l	96
61) 1,2-Dibromoethane	9.610	107	200296	53.541	ug/l	99
64) Tetrachloroethene	9.274	164	167338	51.255	ug/l	97
65) Chlorobenzene	10.079	112	504149	51.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	185814	54.224	ug/l	99
67) Ethyl Benzene	10.195	91	858262	50.776	ug/l	97
68) m/p-Xylenes	10.305	106	686052	103.476	ug/l	97
69) o-Xylene	10.646	106	338975	51.785	ug/l	97
70) Styrene	10.658	104	569399	52.405	ug/l	99
71) Bromoform	10.805	173	153415	54.819	ug/l #	100
73) Isopropylbenzene	10.963	105	876087	51.334	ug/l	100
74) N-amyl acetate	10.847	43	301924	48.404	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	285997	48.766	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	252755m	49.369	ug/l	
77) Bromobenzene	11.201	156	227719	52.877	ug/l	92
78) n-propylbenzene	11.305	91	977814	50.936	ug/l	97
79) 2-Chlorotoluene	11.365	91	590857	49.247	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	745633	50.961	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	80211	50.668	ug/l	95
82) 4-Chlorotoluene	11.457	91	674855	49.722	ug/l	97
83) tert-Butylbenzene	11.719	119	753819	51.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	745575	51.378	ug/l	100
85) sec-Butylbenzene	11.890	105	903459	51.218	ug/l	99
86) p-Isopropyltoluene	12.012	119	771764	51.678	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	421010	52.035	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	411386	50.220	ug/l	99
89) n-Butylbenzene	12.335	91	628811	50.268	ug/l	97
90) Hexachloroethane	12.542	117	121800	52.328	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	409400	51.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	61615	50.144	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	275656	52.643	ug/l	99
94) Hexachlorobutadiene	13.725	225	117038	50.973	ug/l	93
95) Naphthalene	13.780	128	956952	54.437	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	278327	53.189	ug/l	96

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

