

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031786.D
 Acq On : 29 Sep 2022 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Sep 30 04:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76069	42.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.440%		
35) Dibromofluoromethane	5.379	113	74252	49.173	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	264259	48.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	104152	51.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55083	53.320	ug/l	98
3) Chloromethane	1.289	50	43778	47.866	ug/l	100
4) Vinyl Chloride	1.374	62	59480	41.837	ug/l	98
5) Bromomethane	1.612	94	40691	29.524	ug/l	100
6) Chloroethane	1.685	64	56248	32.850	ug/l	95
7) Trichlorofluoromethane	1.886	101	132016	36.750	ug/l	99
8) Diethyl Ether	2.130	74	44270	43.928	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	59147	52.419	ug/l	89
10) Methyl Iodide	2.453	142	50412	45.580	ug/l	99
11) Tert butyl alcohol	3.020	59	60256	261.741	ug/l	97
12) 1,1-Dichloroethene	2.319	96	53541	62.484	ug/l #	80
13) Acrolein	2.240	56	21938	197.906	ug/l	97
14) Allyl chloride	2.666	41	67226	45.283	ug/l #	93
15) Acrylonitrile	3.069	53	142363	227.688	ug/l	99
16) Acetone	2.392	43	113284	273.343	ug/l	96
17) Carbon Disulfide	2.508	76	100489	53.216	ug/l	99
18) Methyl Acetate	2.703	43	73942	45.672	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	203554	50.798	ug/l	95
20) Methylene Chloride	2.788	84	61474	54.097	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	61414	49.233	ug/l	86
22) Diisopropyl ether	3.758	45	166114	43.477	ug/l #	86
23) Vinyl Acetate	3.721	43	665292	220.171	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	104524	47.452	ug/l	96
25) 2-Butanone	4.562	43	183582	213.479	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	79165	44.280	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	78483	51.373	ug/l	80
28) Bromochloromethane	4.898	49	44409	43.097	ug/l #	53
29) Tetrahydrofuran	5.013	42	115238	213.316	ug/l #	79
30) Chloroform	5.093	83	130315	48.090	ug/l	100
31) Cyclohexane	5.465	56	77704	45.361	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	117363	52.292	ug/l	94
36) 1,1-Dichloropropene	5.690	75	84171	48.537	ug/l	94
37) Ethyl Acetate	4.715	43	74493	42.587	ug/l #	94
38) Carbon Tetrachloride	5.678	117	106440	54.462	ug/l	99
39) Methylcyclohexane	7.379	83	98717	49.962	ug/l #	86
40) Benzene	6.038	78	252824	47.468	ug/l	100

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41) Methacrylonitrile	4.922	41	39716	44.622	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	92325	44.821	ug/l	96
43) Isopropyl Acetate	6.342	43	123420	44.831	ug/l #	90
44) Trichloroethene	7.129	130	80427	53.462	ug/l	91
45) 1,2-Dichloropropane	7.428	63	60605	46.885	ug/l	98
46) Dibromomethane	7.580	93	51277	49.395	ug/l #	86
47) Bromodichloromethane	7.824	83	98837	52.762	ug/l	98
48) Methyl methacrylate	7.696	41	56205	46.422	ug/l #	82
49) 1,4-Dioxane	7.708	88	34465	1177.456	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	393001	225.529	ug/l	90
52) Toluene	8.720	92	181914	51.239	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	98322	45.617	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	104297	53.574	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	79010	51.689	ug/l	94
56) Ethyl methacrylate	9.116	69	104427	53.396	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	119967	49.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	239065	248.247	ug/l #	83
59) 2-Hexanone	9.433	43	293033	225.384	ug/l	88
60) Dibromochloromethane	9.525	129	90243	50.546	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86205	55.557	ug/l	99
64) Tetrachloroethene	9.275	164	82918	54.448	ug/l	95
65) Chlorobenzene	10.080	112	216301	54.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	84066	58.861	ug/l	98
67) Ethyl Benzene	10.195	91	353693	52.381	ug/l	95
68) m/p-Xylenes	10.305	106	300354	110.707	ug/l	92
69) o-Xylene	10.640	106	148322	55.932	ug/l	91
70) Styrene	10.659	104	247995	57.452	ug/l	95
71) Bromoform	10.799	173	66375	53.901	ug/l #	99
73) Isopropylbenzene	10.964	105	391705	50.196	ug/l	97
74) N-amyl acetate	10.842	43	112795	44.560	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	114369	46.125	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101140m	46.235	ug/l	
77) Bromobenzene	11.201	156	107248	54.063	ug/l	83
78) n-propylbenzene	11.305	91	427501	49.231	ug/l	95
79) 2-Chlorotoluene	11.366	91	257616	48.043	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	341911	51.688	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27732	43.548	ug/l	96
82) 4-Chlorotoluene	11.457	91	302789	48.877	ug/l	92
83) tert-Butylbenzene	11.713	119	347144	54.420	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	337304	51.515	ug/l	95
85) sec-Butylbenzene	11.890	105	414886	51.177	ug/l	96
86) p-Isopropyltoluene	12.012	119	370525	53.000	ug/l	96
87) 1,3-Dichlorobenzene	11.970	146	205956	53.554	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	212598	52.812	ug/l	96
89) n-Butylbenzene	12.335	91	281092	49.220	ug/l	96
90) Hexachloroethane	12.536	117	59244	52.848	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	209908	54.503	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24794	49.902	ug/l	70
93) 1,2,4-Trichlorobenzene	13.585	180	128528	57.067	ug/l	99
94) Hexachlorobutadiene	13.725	225	49395	56.244	ug/l	98
95) Naphthalene	13.774	128	432899	57.543	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129799	56.155	ug/l	98

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

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