

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030220.D
 Acq On : 26 Jul 2022 19:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/27/2022
 Supervised By : Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 01:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	148411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159346	53.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	5.391	113	127429	52.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.653	98	480230	50.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.085	95	185773	52.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119887	49.229	ug/l	99
3) Chloromethane	1.288	50	121140	50.303	ug/l	99
4) Vinyl Chloride	1.374	62	121486	49.982	ug/l	99
5) Bromomethane	1.599	94	41308	48.254	ug/l	97
6) Chloroethane	1.678	64	70555	50.555	ug/l	95
7) Trichlorofluoromethane	1.880	101	159860	49.920	ug/l	100
8) Diethyl Ether	2.136	74	63998	51.035	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	108174	45.607	ug/l	98
10) Methyl Iodide	2.447	142	120863	52.217	ug/l	95
11) Tert butyl alcohol	2.977	59	196514	270.073	ug/l	99
12) 1,1-Dichloroethene	2.319	96	114767	49.502	ug/l	92
13) Acrolein	2.239	56	28125	157.262	ug/l	97
14) Allyl chloride	2.666	41	240593	50.290	ug/l	97
15) Acrylonitrile	3.068	53	472041	262.518	ug/l	99
16) Acetone	2.386	43	404465	264.841	ug/l	95
17) Carbon Disulfide	2.508	76	286738	45.817	ug/l	99
18) Methyl Acetate	2.709	43	230974	51.132	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	414658	52.214	ug/l	99
20) Methylene Chloride	2.788	84	144272	55.388	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	125319	48.972	ug/l	97
22) Diisopropyl ether	3.763	45	490127	54.147	ug/l	98
23) Vinyl Acetate	3.727	43	2152871	274.181	ug/l	96
24) 1,1-Dichloroethane	3.611	63	243570	50.639	ug/l	98
25) 2-Butanone	4.562	43	685867	267.253	ug/l	94
26) 2,2-Dichloropropane	4.477	77	157767	45.361	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	149003	49.516	ug/l	93
28) Bromochloromethane	4.910	49	114630	56.411	ug/l	92
29) Tetrahydrofuran	5.007	42	461298	267.149	ug/l	93
30) Chloroform	5.099	83	244932	51.430	ug/l	98
31) Cyclohexane	5.477	56	205147	47.367	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	196402	50.735	ug/l	98
36) 1,1-Dichloropropene	5.696	75	170474	48.391	ug/l	96
37) Ethyl Acetate	4.721	43	256750	51.466	ug/l	97
38) Carbon Tetrachloride	5.678	117	162286	49.345	ug/l	97
39) Methylcyclohexane	7.385	83	199981	43.979	ug/l	93
40) Benzene	6.044	78	546691	49.323	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	143630	53.710	ug/l	95
42) 1,2-Dichloroethane	6.092	62	196787	51.381	ug/l	96
43) Isopropyl Acetate	6.348	43	383401	52.425	ug/l	96
44) Trichloroethene	7.129	130	140291	46.322	ug/l	89
45) 1,2-Dichloropropane	7.434	63	147870	50.019	ug/l	100
46) Dibromomethane	7.586	93	100297	49.889	ug/l	94
47) Bromodichloromethane	7.824	83	186715	51.089	ug/l	97
48) Methyl methacrylate	7.696	41	192933	53.598	ug/l	93
49) 1,4-Dioxane	7.665	88	84072	1011.219	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1323532	266.578	ug/l	97
52) Toluene	8.720	92	332427	49.158	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	199558	50.655	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	218330	50.856	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	143738	49.922	ug/l	96
56) Ethyl methacrylate	9.116	69	239761	52.676	ug/l	93
57) 1,3-Dichloropropane	9.311	76	242496	51.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	636450	281.747	ug/l	96
59) 2-Hexanone	9.433	43	1051001	268.317	ug/l	95
60) Dibromochloromethane	9.525	129	138780	52.069	ug/l	98
61) 1,2-Dibromoethane	9.610	107	148862	49.514	ug/l	98
64) Tetrachloroethene	9.275	164	132844	45.068	ug/l	99
65) Chlorobenzene	10.079	112	351869	47.310	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	125262	49.544	ug/l	99
67) Ethyl Benzene	10.195	91	649326	46.954	ug/l	99
68) m/p-Xylenes	10.305	106	490001	97.254	ug/l	95
69) o-Xylene	10.646	106	240922	48.516	ug/l	91
70) Styrene	10.659	104	415726	50.956	ug/l	97
71) Bromoform	10.805	173	96708	52.029	ug/l #	98
73) Isopropylbenzene	10.963	105	627207	47.756	ug/l	99
74) N-amyl acetate	10.848	43	338826	53.082	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	234512	48.785	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	222656m	50.210	ug/l	
77) Bromobenzene	11.201	156	145573	47.225	ug/l	91
78) n-propylbenzene	11.305	91	761362	48.572	ug/l	98
79) 2-Chlorotoluene	11.366	91	460570	46.528	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	533068	48.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	73867	49.970	ug/l	93
82) 4-Chlorotoluene	11.457	91	527614	48.784	ug/l	97
83) tert-Butylbenzene	11.719	119	492089	48.277	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	539723	49.194	ug/l	97
85) sec-Butylbenzene	11.890	105	669252	47.971	ug/l	99
86) p-Isopropyltoluene	12.012	119	544343	48.769	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	278807	46.507	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	283831	46.509	ug/l	100
89) n-Butylbenzene	12.335	91	516164	49.671	ug/l	99
90) Hexachloroethane	12.542	117	91017	47.361	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	280566	47.681	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57530	49.899	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	165842	48.600	ug/l	98
94) Hexachlorobutadiene	13.725	225	62531	45.637	ug/l	98
95) Naphthalene	13.780	128	681166	51.103	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	171121	48.897	ug/l	100

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

