

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024687.D
 Acq On : 08 Oct 2021 22:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:17 PM

Quant Time: Oct 11 05:52:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102303	52.133	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.260%			
35) Dibromofluoromethane	5.391	113	77550	53.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	8.653	98	280724	52.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.085	95	113062	54.152	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	82142	58.630	ug/l	100
3) Chloromethane	1.294	50	63050	47.743	ug/l	99
4) Vinyl Chloride	1.374	62	71226	51.560	ug/l	98
5) Bromomethane	1.599	94	55398	59.583	ug/l	100
6) Chloroethane	1.678	64	44777	48.673	ug/l	99
7) Trichlorofluoromethane	1.886	101	121996	50.044	ug/l	98
8) Diethyl Ether	2.136	74	40264	48.525	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	68279	49.669	ug/l	96
10) Methyl Iodide	2.453	142	72282	37.579	ug/l	91
11) Tert butyl alcohol	2.977	59	92791	200.884	ug/l	97
12) 1,1-Dichloroethene	2.319	96	64718	50.706	ug/l	97
13) Acrolein	2.239	56	30490	285.783	ug/l	96
14) Allyl chloride	2.666	41	111910	47.959	ug/l	89
15) Acrylonitrile	3.068	53	207268	232.497	ug/l	98
16) Acetone	2.386	43	217272	262.946	ug/l	91
17) Carbon Disulfide	2.508	76	158152	48.078	ug/l	99
18) Methyl Acetate	2.709	43	139208	47.375	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	233520	48.548	ug/l	99
20) Methylene Chloride	2.788	84	74448	50.721	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	71508	49.339	ug/l	98
22) Diisopropyl ether	3.770	45	231175	48.490	ug/l	98
23) Vinyl Acetate	3.727	43	963668	249.617	ug/l	94
24) 1,1-Dichloroethane	3.617	63	129472	48.912	ug/l	98
25) 2-Butanone	4.568	43	347319	257.003	ug/l	93
26) 2,2-Dichloropropane	4.483	77	102546	43.066	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	83145	49.083	ug/l	98
28) Bromochloromethane	4.904	49	58979	49.082	ug/l	98
29) Tetrahydrofuran	5.019	42	199808	232.035	ug/l	90
30) Chloroform	5.105	83	143108	48.952	ug/l	100
31) Cyclohexane	5.477	56	115104	48.986	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	130568	50.307	ug/l	98
36) 1,1-Dichloropropene	5.696	75	103246	49.589	ug/l	98
37) Ethyl Acetate	4.721	43	119876	46.116	ug/l	95
38) Carbon Tetrachloride	5.684	117	115095	50.784	ug/l	99
39) Methylcyclohexane	7.385	83	122782	50.365	ug/l	98
40) Benzene	6.044	78	296082	49.732	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	64108	47.756	ug/l	91
42) 1,2-Dichloroethane	6.092	62	125062	50.020	ug/l	94
43) Isopropyl Acetate	6.348	43	191757	48.523	ug/l	93
44) Trichloroethene	7.129	130	83333	50.874	ug/l	95
45) 1,2-Dichloropropane	7.440	63	76666	49.915	ug/l	98
46) Dibromomethane	7.586	93	56458	49.019	ug/l	99
47) Bromodichloromethane	7.830	83	109230	51.747	ug/l	97
48) Methyl methacrylate	7.696	41	105291	53.808	ug/l	86
49) 1,4-Dioxane	7.665	88	39148	873.446	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	706988	270.989	ug/l	91
52) Toluene	8.720	92	196817	51.177	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	118789	49.651	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	123993	50.969	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	83953	52.794	ug/l	95
56) Ethyl methacrylate	9.122	69	113297	44.764	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	133839	49.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	314973	252.115	ug/l	99
59) 2-Hexanone	9.433	43	555322	270.285	ug/l	88
60) Dibromochloromethane	9.525	129	87222	48.379	ug/l	100
61) 1,2-Dibromoethane	9.616	107	90313	51.733	ug/l	99
64) Tetrachloroethene	9.275	164	80842	56.569	ug/l	95
65) Chlorobenzene	10.079	112	214794	49.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	82788	51.641	ug/l	99
67) Ethyl Benzene	10.195	91	389818	51.194	ug/l	99
68) m/p-Xylenes	10.305	106	300298	102.844	ug/l	99
69) o-Xylene	10.646	106	143930	49.848	ug/l	99
70) Styrene	10.659	104	236624	49.009	ug/l	97
71) Bromoform	10.805	173	62055	44.677	ug/l #	99
73) Isopropylbenzene	10.963	105	394918	51.750	ug/l	99
74) N-amyl acetate	10.848	43	170801	48.659	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	131471	48.715	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	121056m	49.383	ug/l	
77) Bromobenzene	11.201	156	99431	50.635	ug/l	95
78) n-propylbenzene	11.305	91	449849	50.426	ug/l	99
79) 2-Chlorotoluene	11.366	91	273548	50.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	343485	52.688	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	39247	44.355	ug/l	88
82) 4-Chlorotoluene	11.457	91	321554	50.291	ug/l	100
83) tert-Butylbenzene	11.719	119	329795	50.460	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	351891	54.287	ug/l	98
85) sec-Butylbenzene	11.896	105	390105	48.516	ug/l	100
86) p-Isopropyltoluene	12.012	119	359951	52.498	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	180948	48.386	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	181465	46.974	ug/l	98
89) n-Butylbenzene	12.335	91	309442	50.969	ug/l	98
90) Hexachloroethane	12.542	117	55459	49.189	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	180434	48.805	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32067	49.211	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	118167	50.202	ug/l	99
94) Hexachlorobutadiene	13.725	225	49376	45.857	ug/l	98
95) Naphthalene	13.780	128	405730	53.853	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121296	50.289	ug/l	100

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

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