

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024611.D
 Acq On : 06 Oct 2021 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:37 PM

Quant Time: Oct 06 15:20:38 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	153051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105660	48.983	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.960%			
35) Dibromofluoromethane	5.391	113	81398	50.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.900%			
50) Toluene-d8	8.653	98	286493	48.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.086	95	119982	51.893	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70682	45.896	ug/l	100
3) Chloromethane	1.295	50	70749	48.736	ug/l	98
4) Vinyl Chloride	1.374	62	72241	47.574	ug/l	99
5) Bromomethane	1.599	94	54775	53.595	ug/l	100
6) Chloroethane	1.679	64	41434	41.014	ug/l	98
7) Trichlorofluoromethane	1.880	101	111020	41.430	ug/l	97
8) Diethyl Ether	2.136	74	44687	48.993	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	76640	50.719	ug/l	97
10) Methyl Iodide	2.453	142	90368	42.741	ug/l	94
11) Tert butyl alcohol	2.977	59	110511	218.733	ug/l	98
12) 1,1-Dichloroethene	2.319	96	69648	49.642	ug/l	95
13) Acrolein	2.240	56	26881	231.201	ug/l	98
14) Allyl chloride	2.666	41	136398	53.176	ug/l	96
15) Acrylonitrile	3.069	53	264800	270.217	ug/l	99
16) Acetone	2.386	43	274190	303.437	ug/l	94
17) Carbon Disulfide	2.508	76	159829	44.219	ug/l	99
18) Methyl Acetate	2.709	43	168636	52.209	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	298246	56.407	ug/l	99
20) Methylene Chloride	2.788	84	91013	56.540	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	80333	50.424	ug/l	97
22) Diisopropyl ether	3.770	45	285330	54.446	ug/l	93
23) Vinyl Acetate	3.727	43	1167123	275.026	ug/l	96
24) 1,1-Dichloroethane	3.611	63	155113	53.309	ug/l	98
25) 2-Butanone	4.562	43	370022	249.084	ug/l	94
26) 2,2-Dichloropropane	4.483	77	122372	46.752	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	86636	46.527	ug/l	95
28) Bromochloromethane	4.904	49	63264	47.895	ug/l	97
29) Tetrahydrofuran	5.007	42	228155	241.035	ug/l	90
30) Chloroform	5.099	83	162474	50.559	ug/l	99
31) Cyclohexane	5.477	56	115703	44.795	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	137760	48.286	ug/l	100
36) 1,1-Dichloropropene	5.696	75	107909	46.802	ug/l	99
37) Ethyl Acetate	4.721	43	136150	47.297	ug/l	96
38) Carbon Tetrachloride	5.684	117	120179	47.885	ug/l	99
39) Methylcyclohexane	7.385	83	118471	43.883	ug/l	98
40) Benzene	6.044	78	326940	49.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74550	50.149	ug/l	93
42) 1,2-Dichloroethane	6.086	62	138887	50.162	ug/l	95
43) Isopropyl Acetate	6.342	43	221217	50.549	ug/l	94
44) Trichloroethene	7.129	130	86047	47.436	ug/l	99
45) 1,2-Dichloropropane	7.434	63	80869	47.545	ug/l	98
46) Dibromomethane	7.586	93	61144	47.939	ug/l	98
47) Bromodichloromethane	7.824	83	114495	48.981	ug/l	100
48) Methyl methacrylate	7.696	41	103126	47.590	ug/l	87
49) 1,4-Dioxane	7.665	88	40637	818.736	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	715164	247.537	ug/l	92
52) Toluene	8.720	92	209789	49.260	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	142900	53.936	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	138239	51.314	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	95902	54.460	ug/l	97
56) Ethyl methacrylate	9.122	69	150947	53.856	ug/l	89
57) 1,3-Dichloropropane	9.311	76	156820	52.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	351332	253.945	ug/l	98
59) 2-Hexanone	9.433	43	570345	250.675	ug/l	91
60) Dibromochloromethane	9.525	129	98587	49.355	ug/l	99
61) 1,2-Dibromoethane	9.610	107	101822	52.669	ug/l	100
64) Tetrachloroethene	9.275	164	80801	49.432	ug/l	94
65) Chlorobenzene	10.080	112	240190	48.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92471	50.429	ug/l	99
67) Ethyl Benzene	10.195	91	419974	48.220	ug/l	96
68) m/p-Xylenes	10.305	106	339590	101.680	ug/l	100
69) o-Xylene	10.647	106	155127	46.971	ug/l	99
70) Styrene	10.659	104	265877	48.145	ug/l	98
71) Bromoform	10.799	173	72345	45.492	ug/l	100
73) Isopropylbenzene	10.964	105	426476	46.446	ug/l	100
74) N-amyl acetate	10.842	43	194155	45.970	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	154304	47.519	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	145018m	49.166	ug/l	
77) Bromobenzene	11.201	156	109315	46.266	ug/l	97
78) n-propylbenzene	11.305	91	512285	47.726	ug/l	99
79) 2-Chlorotoluene	11.366	91	315853	48.306	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	377241	48.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	50196	47.025	ug/l	95
82) 4-Chlorotoluene	11.457	91	358967	46.660	ug/l	99
83) tert-Butylbenzene	11.720	119	382782	48.675	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	391774	50.231	ug/l	100
85) sec-Butylbenzene	11.896	105	477683	49.373	ug/l	100
86) p-Isopropyltoluene	12.012	119	408174	49.476	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	218001	48.448	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	222390	47.845	ug/l	100
89) n-Butylbenzene	12.335	91	353683	48.417	ug/l	98
90) Hexachloroethane	12.543	117	62148	45.812	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	220288	49.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34697	44.253	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	142097	50.172	ug/l	98
94) Hexachlorobutadiene	13.725	225	56018	43.238	ug/l	99
95) Naphthalene	13.780	128	467183	51.536	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	139974	48.230	ug/l	98

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

