

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024756.D
 Acq On : 12 Oct 2021 11:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 12:11:18 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	165449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112406	48.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.42%			
35) Dibromofluoromethane	5.391	113	87068	51.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.30%			
50) Toluene-d8	8.653	98	311112	50.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.28%			
62) 4-Bromofluorobenzene	11.085	95	126766	51.97	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.94%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	114577	68.82	ug/l	99
3) Chloromethane	1.294	50	79202	50.47	ug/l	99
4) Vinyl Chloride	1.374	62	83804	51.05	ug/l	100
5) Bromomethane	1.599	94	66633	60.31	ug/l	100
6) Chloroethane	1.679	64	49326	45.14	ug/l	95
7) Trichlorofluoromethane	1.886	101	138492	47.81	ug/l	97
8) Diethyl Ether	2.136	74	43570	44.19	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	78465	48.04	ug/l	96
10) Methyl Iodide	2.453	142	100645	44.03	ug/l	92
11) Tert butyl alcohol	2.971	59	92846	167.10	ug/l	98
12) 1,1-Dichloroethene	2.319	96	73083	48.19	ug/l	96
13) Acrolein	2.239	56	28997	230.73	ug/l	96
14) Allyl chloride	2.666	41	127986	46.16	ug/l	91
15) Acrylonitrile	3.068	53	220147	207.82	ug/l	98
16) Acetone	2.386	43	283504	289.77	ug/l	90
17) Carbon Disulfide	2.508	76	186333	47.67	ug/l	100
18) Methyl Acetate	2.709	43	149940	42.94	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	259682	45.43	ug/l	98
20) Methylene Chloride	2.788	84	82519	47.23	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	80459	46.72	ug/l	95
22) Diisopropyl ether	3.763	45	255539	45.11	ug/l	91
23) Vinyl Acetate	3.727	43	1071557	233.58	ug/l	95
24) 1,1-Dichloroethane	3.611	63	145194	46.16	ug/l	98
25) 2-Butanone	4.562	43	389583	242.60	ug/l	94
26) 2,2-Dichloropropane	4.477	77	134603	47.57	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	91902	45.66	ug/l	96
28) Bromochloromethane	4.904	49	73342	51.36	ug/l	98
29) Tetrahydrofuran	5.013	42	212662	207.83	ug/l	90
30) Chloroform	5.099	83	156306	44.99	ug/l	98
31) Cyclohexane	5.471	56	130989	46.91	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	145400	47.14	ug/l	99
36) 1,1-Dichloropropene	5.696	75	117358	48.24	ug/l	99
37) Ethyl Acetate	4.721	43	127172	41.87	ug/l	95
38) Carbon Tetrachloride	5.678	117	129484	48.90	ug/l	99
39) Methylcyclohexane	7.385	83	143218	50.28	ug/l	98
40) Benzene	6.037	78	331999	47.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	68853	43.90	ug/l	91
42) 1,2-Dichloroethane	6.086	62	134867	46.17	ug/l	96
43) Isopropyl Acetate	6.348	43	205623	44.53	ug/l	93
44) Trichloroethene	7.129	130	93001	48.59	ug/l	99
45) 1,2-Dichloropropane	7.434	63	85061	47.40	ug/l	97
46) Dibromomethane	7.586	93	62031	46.10	ug/l	97
47) Bromodichloromethane	7.824	83	120717	48.95	ug/l	99
48) Methyl methacrylate	7.696	41	113014	49.43	ug/l	89
49) 1,4-Dioxane	7.665	88	38450	734.25	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	746076	244.76	ug/l	92
52) Toluene	8.720	92	217631	48.43	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	136582	48.86	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	142309	50.07	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	88213	47.48	ug/l	98
56) Ethyl methacrylate	9.116	69	125861	42.56	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	146870	46.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	367712	251.92	ug/l	98
59) 2-Hexanone	9.433	43	592758	246.93	ug/l	90
60) Dibromochloromethane	9.525	129	94411	44.91	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97867	47.98	ug/l	99
64) Tetrachloroethene	9.275	164	90414	53.94	ug/l	94
65) Chlorobenzene	10.079	112	241516	47.87	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	89015	47.34	ug/l	99
67) Ethyl Benzene	10.195	91	433067	48.49	ug/l	100
68) m/p-Xylenes	10.305	106	335046	97.84	ug/l	98
69) o-Xylene	10.646	106	159499	47.10	ug/l	100
70) Styrene	10.659	104	263582	46.55	ug/l	97
71) Bromoform	10.805	173	68243	42.04	ug/l #	100
73) Isopropylbenzene	10.963	105	442357	47.58	ug/l	100
74) N-amyl acetate	10.848	43	184431	43.13	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	140019	42.58	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	168662	56.47	ug/l	89
77) Bromobenzene	11.201	156	108925	45.53	ug/l	96
78) n-propylbenzene	11.305	91	508974	46.83	ug/l	99
79) 2-Chlorotoluene	11.366	91	301911	45.60	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	386259	48.63	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	46308	43.02	ug/l	92
82) 4-Chlorotoluene	11.457	91	360036	46.22	ug/l	100
83) tert-Butylbenzene	11.719	119	367640	46.17	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	391024	49.51	ug/l	98
85) sec-Butylbenzene	11.890	105	441469	45.06	ug/l	100
86) p-Isopropyltoluene	12.012	119	413488	49.50	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	200829	44.08	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205017	43.56	ug/l	99
89) n-Butylbenzene	12.335	91	372307	50.33	ug/l	97
90) Hexachloroethane	12.542	117	63377	46.14	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	195306	43.36	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32614	41.08	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	132629	46.25	ug/l	99
94) Hexachlorobutadiene	13.725	225	61132	46.60	ug/l	97
95) Naphthalene	13.780	128	440535	47.99	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134524	45.78	ug/l	99

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

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