

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021972.D
 Acq On : 13 May 2021 17:06
 Operator : JC/MD
 Sample : M2383-09MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-02MS

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:48:31 PM

Quant Time: May 14 04:38:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	157763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68270	51.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.20%			
35) Dibromofluoromethane	5.391	113	54765	50.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.30%			
50) Toluene-d8	8.653	98	203987	49.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.88%			
62) 4-Bromofluorobenzene	11.085	95	81898	50.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.60%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	54591	51.58	ug/l	99
3) Chloromethane	1.288	50	73807	58.07	ug/l	96
4) Vinyl Chloride	1.374	62	68201	46.47	ug/l	93
5) Bromomethane	1.599	94	27693	51.71	ug/l	96
6) Chloroethane	1.685	64	39633m	51.92	ug/l	
7) Trichlorofluoromethane	1.886	101	90302	44.63	ug/l	99
8) Diethyl Ether	2.136	74	40323	47.48	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	51123	49.69	ug/l	93
10) Methyl Iodide	2.453	142	50334	41.17	ug/l	96
11) Tert butyl alcohol	2.965	59	69974	198.23	ug/l	98
12) 1,1-Dichloroethene	2.319	96	52826	48.46	ug/l	99
13) Acrolein	2.240	56	26105	177.06	ug/l	100
14) Allyl chloride	2.666	41	93012	46.57	ug/l #	76
15) Acrylonitrile	3.069	53	157163	236.95	ug/l	98
16) Acetone	2.380	43	145925	245.93	ug/l	96
17) Carbon Disulfide	2.514	76	4495990	1483.04	ug/l	98
18) Methyl Acetate	2.709	43	74289	45.15	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	177060	50.66	ug/l	99
20) Methylene Chloride	2.794	84	63473	51.87	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	58857	50.60	ug/l	97
22) Diisopropyl ether	3.764	45	178023	47.87	ug/l	90
23) Vinyl Acetate	3.727	43	852043	232.81	ug/l	97
24) 1,1-Dichloroethane	3.617	63	108624	50.81	ug/l	97
25) 2-Butanone	4.562	43	238502	233.58	ug/l	96
26) 2,2-Dichloropropane	4.483	77	87924	45.95	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	69349	50.50	ug/l	98
28) Bromochloromethane	4.910	49	51046	52.26	ug/l	85
29) Tetrahydrofuran	5.013	42	136145	224.38	ug/l	93
30) Chloroform	5.105	83	135243	62.02	ug/l	99
31) Cyclohexane	5.477	56	86343	49.41	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	97366	50.88	ug/l	99
36) 1,1-Dichloropropene	5.696	75	82467	49.31	ug/l	98
37) Ethyl Acetate	4.721	43	90117	44.61	ug/l	96
38) Carbon Tetrachloride	5.684	117	81076	48.48	ug/l	91
39) Methylcyclohexane	7.385	83	89616	47.74	ug/l	93
40) Benzene	6.050	78	519052	103.08	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52325	47.96	ug/l	94
42) 1,2-Dichloroethane	6.099	62	89801	52.04	ug/l	98
43) Isopropyl Acetate	6.349	43	154969	45.35	ug/l	95
44) Trichloroethene	7.129	130	61750	50.47	ug/l	98
45) 1,2-Dichloropropane	7.434	63	64194	48.68	ug/l	97
46) Dibromomethane	7.586	93	43920	49.22	ug/l	89
47) Bromodichloromethane	7.824	83	89680	49.84	ug/l	98
48) Methyl methacrylate	7.696	41	74468	47.36	ug/l	93
49) 1,4-Dioxane	7.665	88	25184	761.39	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	484849	227.86	ug/l	92
52) Toluene	8.720	92	219486	68.28	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	101237	48.28	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	106119	48.32	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	64327	50.07	ug/l	98
56) Ethyl methacrylate	9.122	69	105811	46.87	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	110352	50.21	ug/l	99
59) 2-Hexanone	9.433	43	370096	225.78	ug/l	91
60) Dibromochloromethane	9.525	129	66293	47.88	ug/l	99
61) 1,2-Dibromoethane	9.616	107	66802	49.85	ug/l	99
64) Tetrachloroethene	9.281	164	47373	51.46	ug/l	94
65) Chlorobenzene	10.086	112	168200	50.71	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60814	49.94	ug/l	98
67) Ethyl Benzene	10.195	91	760553	124.42	ug/l	99
68) m/p-Xylenes	10.305	106	543129	232.45	ug/l	99
69) o-Xylene	10.647	106	233207	100.01	ug/l	99
70) Styrene	10.659	104	189415	48.86	ug/l	89
71) Bromoform	10.805	173	44277	47.79	ug/l #	99
73) Isopropylbenzene	10.964	105	332286	55.24	ug/l	100
74) N-amyl acetate	10.848	43	141168	43.78	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	103510	46.39	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	90355m	47.77	ug/l	
77) Bromobenzene	11.201	156	66665	51.45	ug/l	92
78) n-propylbenzene	11.305	91	504850	70.84	ug/l	99
79) 2-Chlorotoluene	11.366	91	270164	62.57	ug/l	90
80) 1,3,5-Trimethylbenzene	11.457	105	529725	102.46	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	34575	42.40	ug/l	97
82) 4-Chlorotoluene	11.457	91	274148	54.86	ug/l	92
83) tert-Butylbenzene	11.720	119	246500	49.20	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1269318	244.80	ug/l	100
85) sec-Butylbenzene	11.896	105	317597	51.62	ug/l	99
86) p-Isopropyltoluene	12.012	119	277925	53.01	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	124588	50.89	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	126138	49.80	ug/l	96
89) n-Butylbenzene	12.335	91	270390	55.92	ug/l	96
90) Hexachloroethane	12.543	117	51428	54.26	ug/l	67
91) 1,2-Dichlorobenzene	12.341	146	120583	49.90	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25132	51.81	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	75736	52.04	ug/l	97
94) Hexachlorobutadiene	13.731	225	27402	48.26	ug/l	96
95) Naphthalene	13.786	128	6784742	1137.64	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	76639	51.95	ug/l	94

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

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