

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021342.D
 Acq On : 20 Mar 2021 11:19
 Operator : JC/MD
 Sample : M1735-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20210315MSD

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:16 AM

Quant Time: Mar 22 00:55:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	74270	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	128328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63305	51.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.94%			
35) Dibromofluoromethane	5.464	113	44466	50.92	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.84%			
50) Toluene-d8	8.694	98	159413	50.31	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.62%			
62) 4-Bromofluorobenzene	11.118	95	61218	49.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.50%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	44293	49.92	ug/l	97
3) Chloromethane	1.311	50	54522	42.36	ug/l	99
4) Vinyl Chloride	1.393	62	45901	50.80	ug/l	98
5) Bromomethane	1.623	94	20115	50.96	ug/l	99
6) Chloroethane	1.705	64	27904	50.53	ug/l	100
7) Trichlorofluoromethane	1.911	101	72421	53.16	ug/l	100
8) Diethyl Ether	2.170	74	24510	51.13	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.364	101	39051	50.31	ug/l	95
10) Methyl Iodide	2.487	142	32790	48.40	ug/l #	87
11) Tert butyl alcohol	3.017	59	53560	261.72	ug/l	98
12) 1,1-Dichloroethene	2.352	96	38516	50.87	ug/l	84
13) Acrolein	2.276	56	33751	275.64	ug/l	100
14) Allyl chloride	2.705	41	74377	47.66	ug/l	88
15) Acrylonitrile	3.117	53	127222	267.37	ug/l	98
16) Acetone	2.423	43	123195	274.86	ug/l	89
17) Carbon Disulfide	2.546	76	103622	47.05	ug/l	100
18) Methyl Acetate	2.746	43	49459	40.27	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	151587	53.35	ug/l	99
20) Methylene Chloride	2.834	84	45782	49.66	ug/l #	88
21) trans-1,2-Dichloroethene	3.140	96	42085	49.79	ug/l	90
22) Diisopropyl ether	3.823	45	157974	52.69	ug/l #	94
23) Vinyl Acetate	3.782	43	521207	199.28	ug/l #	91
24) 1,1-Dichloroethane	3.664	63	84465	52.17	ug/l	97
25) 2-Butanone	4.635	43	184968	268.36	ug/l	90
26) 2,2-Dichloropropane	4.546	77	44157	31.26	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	50419	51.91	ug/l	94
28) Bromochloromethane	4.982	49	38847	50.93	ug/l	85
29) Tetrahydrofuran	5.088	42	120871	265.52	ug/l #	85
30) Chloroform	5.176	83	90635	53.77	ug/l	98
31) Cyclohexane	5.547	56	73087	49.63	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	78507	52.56	ug/l	96
36) 1,1-Dichloropropene	5.764	75	62805	48.57	ug/l	96
37) Ethyl Acetate	4.794	43	56773	37.89	ug/l #	93
38) Carbon Tetrachloride	5.753	117	69197	51.53	ug/l	99
39) Methylcyclohexane	7.441	83	68161	47.48	ug/l	94
40) Benzene	6.111	78	183643	51.54	ug/l	99

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41) Methacrylonitrile	4.999	41	41139	47.84	ug/l	88
42) 1,2-Dichloroethane	6.158	62	79532	51.74	ug/l	93
43) Isopropyl Acetate	6.411	43	104197	42.41	ug/l #	91
44) Trichloroethene	7.188	130	52714	55.69	ug/l	95
45) 1,2-Dichloropropane	7.488	63	49383	51.58	ug/l	98
46) Dibromomethane	7.635	93	35110	50.11	ug/l	92
47) Bromodichloromethane	7.876	83	73750	52.49	ug/l	98
48) Methyl methacrylate	7.741	41	63536	48.75	ug/l #	82
49) 1,4-Dioxane	7.712	88	23595	1063.69	ug/l #	91
51) 4-Methyl-2-Pentanone	8.618	43	373392	261.19	ug/l	88
52) Toluene	8.765	92	114140	51.80	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	69036	46.32	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	72812	45.75	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	47478	52.67	ug/l	98
56) Ethyl methacrylate	9.159	69	72858	50.26	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	81578	52.00	ug/l	98
59) 2-Hexanone	9.471	43	279817	261.51	ug/l	85
60) Dibromochloromethane	9.565	129	52961	51.58	ug/l	98
61) 1,2-Dibromoethane	9.653	107	50822	51.44	ug/l	98
64) Tetrachloroethene	9.318	164	41332	47.60	ug/l	93
65) Chlorobenzene	10.118	112	116974	48.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	45806	51.66	ug/l	100
67) Ethyl Benzene	10.235	91	220555	49.90	ug/l	100
68) m/p-Xylenes	10.341	106	160058	101.35	ug/l	93
69) o-Xylene	10.683	106	76637	49.94	ug/l	92
70) Styrene	10.694	104	132633	51.51	ug/l	96
71) Bromoform	10.841	173	38659	53.92	ug/l #	100
73) Isopropylbenzene	11.000	105	211344	50.18	ug/l	99
74) N-amyl acetate	10.877	43	79764	37.33	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	72391	51.78	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	69944m	53.18	ug/l	
77) Bromobenzene	11.236	156	51607	51.64	ug/l	95
78) n-propylbenzene	11.341	91	244203	49.58	ug/l	99
79) 2-Chlorotoluene	11.406	91	148023	49.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	179990	50.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	19343	39.93	ug/l #	85
82) 4-Chlorotoluene	11.494	91	176421	50.09	ug/l	96
83) tert-Butylbenzene	11.753	119	171978	50.69	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	184987	51.04	ug/l	97
85) sec-Butylbenzene	11.930	105	201994	50.51	ug/l	100
86) p-Isopropyltoluene	12.047	119	181549	49.54	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	91568	50.24	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	92685	49.72	ug/l	98
89) n-Butylbenzene	12.371	91	160329	48.01	ug/l	97
90) Hexachloroethane	12.577	117	33805	60.57	ug/l	88
91) 1,2-Dichlorobenzene	12.371	146	89382	50.28	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17746	49.49	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	58720	50.25	ug/l	94
94) Hexachlorobutadiene	13.765	225	24363	49.69	ug/l	98
95) Naphthalene	13.812	128	199106	49.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	57112	49.07	ug/l	95

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

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