

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021419.D
 Acq On : 24 Mar 2021 05:25
 Operator : JC/MD
 Sample : M1770-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106MSD

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 2:58:39 PM

Quant Time: Mar 24 05:49:11 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	5.629	168	72493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123414	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58840	49.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.98%		
35) Dibromofluoromethane	5.464	113	42028	50.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.10%		
50) Toluene-d8	8.694	98	148888	48.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.72%		
62) 4-Bromofluorobenzene	11.118	95	60332	50.99	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	42240	48.77	ug/l	99
3) Chloromethane	1.311	50	52080	41.40	ug/l	99
4) Vinyl Chloride	1.393	62	44261	50.18	ug/l #	81
5) Bromomethane	1.623	94	15573	40.42	ug/l	99
6) Chloroethane	1.705	64	27865m	51.70	ug/l	
7) Trichlorofluoromethane	1.911	101	70103	52.72	ug/l	97
8) Diethyl Ether	2.170	74	24331	52.00	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.364	101	37916	50.05	ug/l	95
10) Methyl Iodide	2.487	142	28747	43.47	ug/l #	89
11) Tert butyl alcohol	3.017	59	51001	255.32	ug/l	98
12) 1,1-Dichloroethene	2.352	96	37011	50.08	ug/l	86
13) Acrolein	2.276	56	30418	254.75	ug/l	100
14) Allyl chloride	2.705	41	73127	48.01	ug/l	91
15) Acrylonitrile	3.117	53	130195	280.33	ug/l	97
16) Acetone	2.423	43	123121	281.42	ug/l	89
17) Carbon Disulfide	2.546	76	104131	48.43	ug/l	98
18) Methyl Acetate	2.746	43	57965	48.35	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	147728	53.27	ug/l	99
20) Methylene Chloride	2.834	84	45210	50.25	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	41089	49.80	ug/l	93
22) Diisopropyl ether	3.823	45	154793	52.90	ug/l	95
23) Vinyl Acetate	3.782	43	602862	236.15	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	83392	52.77	ug/l	98
25) 2-Butanone	4.635	43	187508	278.72	ug/l	89
26) 2,2-Dichloropropane	4.552	77	48564	35.22	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	48657	51.33	ug/l	93
28) Bromochloromethane	4.982	49	39211	52.67	ug/l	85
29) Tetrahydrofuran	5.088	42	121274	272.94	ug/l #	86
30) Chloroform	5.176	83	88772	53.96	ug/l	98
31) Cyclohexane	5.547	56	68239	47.47	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	77789	53.36	ug/l	96
36) 1,1-Dichloropropene	5.770	75	61204	49.22	ug/l	96
37) Ethyl Acetate	4.794	43	64907	45.04	ug/l #	93
38) Carbon Tetrachloride	5.752	117	67210	52.05	ug/l	97
39) Methylcyclohexane	7.441	83	64429	46.67	ug/l	91
40) Benzene	6.111	78	179579	52.41	ug/l	99

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41) Methacrylonitrile	4.999	41	41011	49.59	ug/l	89
42) 1,2-Dichloroethane	6.158	62	78814	53.31	ug/l	94
43) Isopropyl Acetate	6.411	43	112561	47.64	ug/l #	91
44) Trichloroethene	7.188	130	46726	51.33	ug/l	98
45) 1,2-Dichloropropane	7.488	63	48820	53.02	ug/l	96
46) Dibromomethane	7.635	93	35487	52.67	ug/l	92
47) Bromodichloromethane	7.876	83	72997	54.02	ug/l	98
48) Methyl methacrylate	7.747	41	65100	51.94	ug/l #	82
49) 1,4-Dioxane	7.712	88	20669	967.87	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	389096	283.01	ug/l	88
52) Toluene	8.765	92	112560	53.12	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	71092	49.59	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	73556	48.06	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	48423	55.86	ug/l	99
56) Ethyl methacrylate	9.159	69	75359	54.06	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	81694	54.15	ug/l	98
59) 2-Hexanone	9.471	43	297486	289.10	ug/l	85
60) Dibromochloromethane	9.565	129	55336	56.04	ug/l	99
61) 1,2-Dibromoethane	9.653	107	52187	54.92	ug/l	100
64) Tetrachloroethene	9.318	164	39678	45.88	ug/l	93
65) Chlorobenzene	10.118	112	125959	52.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	46905	53.10	ug/l	98
67) Ethyl Benzene	10.235	91	225194	51.15	ug/l	98
68) m/p-Xylenes	10.341	106	163338	103.83	ug/l	94
69) o-Xylene	10.683	106	80616	52.74	ug/l	98
70) Styrene	10.694	104	137274	53.52	ug/l	96
71) Bromoform	10.841	173	40823	57.16	ug/l #	100
73) Isopropylbenzene	11.000	105	215790	49.47	ug/l	99
74) N-amyl acetate	10.883	43	98034	44.31	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	76746	53.00	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	73078m	53.65	ug/l	
77) Bromobenzene	11.236	156	55039	53.18	ug/l	97
78) n-propylbenzene	11.341	91	253499	49.70	ug/l	98
79) 2-Chlorotoluene	11.406	91	154483	49.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	185840	50.35	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	19883	39.63	ug/l #	83
82) 4-Chlorotoluene	11.494	91	181292	49.70	ug/l	97
83) tert-Butylbenzene	11.753	119	181696	51.71	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	189307	50.44	ug/l	97
85) sec-Butylbenzene	11.930	105	209062	50.48	ug/l	99
86) p-Isopropyltoluene	12.047	119	193050	50.87	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	93414	49.49	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	98254	50.90	ug/l	98
89) n-Butylbenzene	12.371	91	166227	48.07	ug/l	97
90) Hexachloroethane	12.577	117	31693	54.84	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	94530	51.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18697	50.35	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	58795	48.59	ug/l	98
94) Hexachlorobutadiene	13.765	225	25562	50.34	ug/l	99
95) Naphthalene	13.812	128	203553	48.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	60965	50.58	ug/l	95

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

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