

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021560.D
 Acq On : 27 Mar 2021 03:53
 Operator : JC/MD
 Sample : M1787-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20210318MS

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:42 PM

Quant Time: Mar 27 04:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	72609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	55571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	60842	50.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.72%			
35) Dibromofluoromethane	5.464	113	43274	47.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.54%			
50) Toluene-d8	8.694	98	153280	46.98	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.96%			
62) 4-Bromofluorobenzene	11.118	95	57465	45.31	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.62%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38923	48.77	ug/l	99
3) Chloromethane	1.311	50	46534	50.72	ug/l	98
4) Vinyl Chloride	1.393	62	42369	51.90	ug/l	100
5) Bromomethane	1.622	94	18611	56.65	ug/l	99
6) Chloroethane	1.699	64	27109	52.36	ug/l	98
7) Trichlorofluoromethane	1.911	101	69479	52.33	ug/l	98
8) Diethyl Ether	2.170	74	24730	53.68	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.358	101	37990	50.83	ug/l	97
10) Methyl Iodide	2.487	142	32135	54.39	ug/l #	90
11) Tert butyl alcohol	3.023	59	54084	270.79	ug/l	98
12) 1,1-Dichloroethene	2.352	96	37554	51.32	ug/l	90
13) Acrolein	2.275	56	19782	197.28	ug/l	99
14) Allyl chloride	2.705	41	69979	47.12	ug/l #	89
15) Acrylonitrile	3.117	53	131721	277.51	ug/l	98
16) Acetone	2.423	43	130153	284.93	ug/l	89
17) Carbon Disulfide	2.546	76	93549	45.53	ug/l	99
18) Methyl Acetate	2.746	43	52295	39.63	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	149380	54.67	ug/l	98
20) Methylene Chloride	2.834	84	46037	51.65	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	41036	51.06	ug/l	88
22) Diisopropyl ether	3.823	45	154517	53.55	ug/l #	93
23) Vinyl Acetate	3.787	43	407249	166.85	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	85326	54.85	ug/l	98
25) 2-Butanone	4.635	43	191189	276.11	ug/l	91
26) 2,2-Dichloropropane	4.546	77	33075	24.54	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	49401	52.93	ug/l	98
28) Bromochloromethane	4.982	49	38849	49.88	ug/l	86
29) Tetrahydrofuran	5.088	42	123467	275.01	ug/l	86
30) Chloroform	5.176	83	90367	55.04	ug/l	98
31) Cyclohexane	5.546	56	67711	50.97	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	77906	53.55	ug/l	97
36) 1,1-Dichloropropene	5.770	75	60438	47.86	ug/l	97
37) Ethyl Acetate	4.793	43	48105	32.94	ug/l #	92
38) Carbon Tetrachloride	5.752	117	67842	49.99	ug/l	97
39) Methylcyclohexane	7.441	83	62282	44.49	ug/l	93
40) Benzene	6.111	78	180766	50.41	ug/l	99

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41) Methacrylonitrile	4.999	41	42744	50.47	ug/l	88
42) 1,2-Dichloroethane	6.164	62	78832	50.70	ug/l	94
43) Isopropyl Acetate	6.411	43	93200	39.31	ug/l #	91
44) Trichloroethene	7.188	130	48610	51.37	ug/l	98
45) 1,2-Dichloropropane	7.488	63	48916	50.35	ug/l	99
46) Dibromomethane	7.635	93	35747	50.49	ug/l	91
47) Bromodichloromethane	7.876	83	72773	50.51	ug/l	99
48) Methyl methacrylate	7.747	41	63897	50.52	ug/l #	82
49) 1,4-Dioxane	7.711	88	24067	1062.90	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	383309	262.84	ug/l	88
52) Toluene	8.765	92	111851	50.50	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	64122	44.07	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	67798	43.79	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	48211	51.57	ug/l	100
56) Ethyl methacrylate	9.159	69	72056	45.81	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	80395	50.25	ug/l	99
59) 2-Hexanone	9.471	43	287884	262.90	ug/l	85
60) Dibromochloromethane	9.565	129	54877	52.41	ug/l	100
61) 1,2-Dibromoethane	9.653	107	50189	49.98	ug/l	100
64) Tetrachloroethene	9.318	164	40368	51.40	ug/l	91
65) Chlorobenzene	10.118	112	115389	48.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	47129	52.22	ug/l	99
67) Ethyl Benzene	10.235	91	217594	50.68	ug/l	97
68) m/p-Xylenes	10.341	106	154721	101.15	ug/l	92
69) o-Xylene	10.682	106	73569	49.66	ug/l	91
70) Styrene	10.694	104	127350	49.98	ug/l	94
71) Bromoform	10.841	173	38255	52.16	ug/l #	100
73) Isopropylbenzene	11.000	105	202267	51.80	ug/l	99
74) N-amyl acetate	10.882	43	63469	33.60	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	72597	52.62	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	69059m	53.38	ug/l	
77) Bromobenzene	11.235	156	51155	52.85	ug/l	96
78) n-propylbenzene	11.341	91	231842	50.28	ug/l	97
79) 2-Chlorotoluene	11.406	91	143242	51.21	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	172234	51.63	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	17278	40.68	ug/l #	84
82) 4-Chlorotoluene	11.494	91	166594	50.16	ug/l	96
83) tert-Butylbenzene	11.753	119	166301	51.20	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	170991	50.85	ug/l	99
85) sec-Butylbenzene	11.930	105	185034	49.39	ug/l	99
86) p-Isopropyltoluene	12.047	119	166562	48.84	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	85643	49.14	ug/l	99
88) 1,4-Dichlorobenzene	12.077	146	85096	47.20	ug/l	95
89) n-Butylbenzene	12.371	91	144710	46.32	ug/l	95
90) Hexachloroethane	12.577	117	30419	49.43	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	88022	51.94	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17449	50.18	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	53224	47.92	ug/l	97
94) Hexachlorobutadiene	13.765	225	20638	41.17	ug/l	99
95) Naphthalene	13.818	128	192109	53.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	57132	51.46	ug/l	97

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

