

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021232.D
 Acq On : 16 Mar 2021 04:38
 Operator : JC/MD
 Sample : M1666-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1875

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:46:13 AM

Quant Time: Mar 16 05:51:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.546	168	3122	50.00	ug/l	#-0.08
34) 1,4-Difluorobenzene	6.770	114	551	50.00	ug/l	-0.06
63) Chlorobenzene-d5	10.341	117	16048m	50.00	ug/l	0.25
72) 1,4-Dichlorobenzene-d4	12.118	152	9470	50.00	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.935	65	2794	52.48	ug/l	-0.09
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.96%			
35) Dibromofluoromethane	5.417	113	189	49.85	ug/l	-0.05
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.70%			
50) Toluene-d8	8.529	98	93	6.83	ug/l	-0.16
Spiked Amount 50.000	Range 65 - 126		Recovery = 13.66%#			
62) 4-Bromofluorobenzene	11.241	95	10476	2018.65	ug/l	0.12
Spiked Amount 50.000	Range 58 - 135		Recovery = 4037.30%#			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.528	101	4835	142.90	ug/l #	74
10) Methyl Iodide	2.523	142	2762	60.90	ug/l #	1
11) Tert butyl alcohol	2.976	59	4611	497.25	ug/l #	1
12) 1,1-Dichloroethene	2.528	96	4799	142.84	ug/l #	37
14) Allyl chloride	2.552	41	5368	73.18	ug/l #	59
15) Acrylonitrile	3.081	53	1978	96.73	ug/l #	76
16) Acetone	2.505	43	3261	152.39	ug/l #	50
17) Carbon Disulfide	2.523	76	3623	36.45	ug/l #	1
18) Methyl Acetate	2.581	43	3710	71.58	ug/l #	47
19) Methyl tert-butyl Ether	3.134	73	540	4.23	ug/l #	1
20) Methylene Chloride	2.781	84	386	9.55	ug/l #	78
21) trans-1,2-Dichloroethene	3.087	96	1167	31.62	ug/l #	49
22) Diisopropyl ether	3.770	45	2654	19.79	ug/l #	35
23) Vinyl Acetate	3.770	43	2014	17.18	ug/l #	1
24) 1,1-Dichloroethane	3.581	63	140	1.94	ug/l #	8
25) 2-Butanone	4.623	43	3737	121.39	ug/l #	45
26) 2,2-Dichloropropane	4.482	77	6441	98.00	ug/l #	1
27) cis-1,2-Dichloroethene	4.476	96	4489	106.35	ug/l	76
28) Bromochloromethane	4.899	49	135	3.74	ug/l #	1
29) Tetrahydrofuran	5.076	42	154	7.76	ug/l #	8
30) Chloroform	5.123	83	54	0.72	ug/l #	18
31) Cyclohexane	5.511	56	202	3.00	ug/l #	54
32) 1,1,1-Trichloroethane	5.270	97	381	5.72	ug/l #	24
36) 1,1-Dichloropropene	5.735	75	602	104.25	ug/l #	41
37) Ethyl Acetate	4.823	43	4940	776.61	ug/l #	64
38) Carbon Tetrachloride	5.705	117	705	111.18	ug/l #	19
39) Methylcyclohexane	7.158	83	1058	163.13	ug/l	94
40) Benzene	6.064	78	58	3.59	ug/l #	1
41) Methacrylonitrile	5.017	41	287	78.27	ug/l #	22
42) 1,2-Dichloroethane	6.147	62	100	14.56	ug/l #	1
43) Isopropyl Acetate	6.358	43	228	21.37	ug/l #	1
44) Trichloroethene	7.141	130	772	180.00	ug/l	57
45) 1,2-Dichloropropane	7.311	63	3308	758.16	ug/l #	1
46) Dibromomethane	7.558	93	108	35.53	ug/l #	18
47) Bromodichloromethane	7.817	83	173	27.15	ug/l #	71
48) Methyl methacrylate	7.676	41	133	24.23	ug/l #	24

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	7.641	88	62	669.34	ug/l #	75
51) 4-Methyl-2-Pentanone	8.670	43	119	19.56	ug/l	93
52) Toluene	8.588	92	72	7.40	ug/l	99
53) t-1,3-Dichloropropene	8.912	75	18	2.73	ug/l #	1
54) cis-1,3-Dichloropropene	8.341	75	192	27.30	ug/l #	58
55) 1,1,2-Trichloroethane	9.229	97	977	243.36	ug/l #	1
56) Ethyl methacrylate	9.076	69	51	8.18	ug/l #	19
57) 1,3-Dichloropropane	9.235	76	415	59.75	ug/l #	62
58) 2-Chloroethyl Vinyl ether	8.053	63	5521	1765.19	ug/l #	53
59) 2-Hexanone	9.318	43	125218	27346.38	ug/l #	20
68) m/p-Xylenes	10.541	106	175	0.79	ug/l	90
69) o-Xylene	10.541	106	175	0.82	ug/l	86
74) N-amyl acetate	11.071	43	28385	80.84	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	11.265	83	52	0.23	ug/l #	26
76) 1,2,3-Trichloropropane	11.235	75	55756	237.45	ug/l #	37
79) 2-Chlorotoluene	11.441	91	298	0.58	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.918	75	991	11.98	ug/l #	30
84) 1,2,4-Trimethylbenzene	11.735	105	258	0.42	ug/l #	31
85) sec-Butylbenzene	11.859	105	874	1.28	ug/l #	57
86) p-Isopropyltoluene	12.100	119	267	0.43	ug/l #	26
89) n-Butylbenzene	12.271	91	185	0.32	ug/l #	32
90) Hexachloroethane	12.730	117	39	0.34	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.977	75	191	3.25	ug/l #	1
95) Naphthalene	13.830	128	3347	6.12	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.265	180	20	1.02	ug/l #	12

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

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