

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021288.D
 Acq On : 18 Mar 2021 19:40
 Operator : JC/MD
 Sample : M1716-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210317059-01-VOA

Quant Time: Mar 19 02:53:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	15555	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	86574	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	79825	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.029	65	42574	29.74	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.13%		
60) 4-Bromofluorobenzene	11.118	95	42980	29.45	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.17%		
63) Toluene-d8	8.694	98	105952	29.26	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.53%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.170	74	1633	2.93	ug/l	# 18
12) Methyl Acetate	2.746	43	1860	1.28	ug/l	# 87
15) Acetone	2.417	58	41695m	284.60	ug/l	
16) Carbon Disulfide	2.552	76	4997	1.97	ug/l	98
23) tert-Butyl Alcohol	3.017	59	1475905	6073.01	ug/l	# 100
24) Methyl tert-Butyl Ether	3.164	73	8645	2.63	ug/l	# 67
30) 2-Butanone	4.635	43	259819	322.13	ug/l	# 89
34) Benzene	6.111	78	18517	4.48	ug/l	99
45) 1,4-Dioxane	7.712	88	2966	118.72	ug/l	# 84
58) 4-Methyl-2-Pentanone	8.618	43	10637	6.58	ug/l	# 79
62) Toluene	8.765	91	25354	5.73	ug/l	98
64) Chlorobenzene	10.118	112	4183	1.53	ug/l	93
66) Ethyl Benzene	10.235	91	56856	11.17	ug/l	98
67) m/p-Xylenes	10.341	106	19946	10.89	ug/l	93
68) o-Xylene	10.683	106	12288	6.93	ug/l	94
70) Isopropylbenzene	11.000	105	7171	1.48	ug/l	97
74) n-propylbenzene	11.341	91	3435	0.60	ug/l	95
76) 1,3,5-Trimethylbenzene	11.489	105	4414	1.07	ug/l	100
80) 1,2,4-Trimethylbenzene	11.789	105	16729	4.04	ug/l	98
82) p-Isopropyltoluene	12.047	119	13372	3.20	ug/l	91
84) 1,4-Dichlorobenzene	12.083	146	9835	4.77	ug/l	97
91) Naphthalene	13.818	128	206076	50.26	ug/l	99

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

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