

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021287.D
 Acq On : 18 Mar 2021 19:17
 Operator : JC/MD
 Sample : M1715-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210317058-01-VOA

Quant Time: Mar 19 02:53:27 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	4.976	128	15883	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	83880	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	75879	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	43050	29.45	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.17%		
60) 4-Bromofluorobenzene	11.118	95	40694	29.33	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.77%		
63) Toluene-d8	8.694	98	102586	29.80	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.33%		
Target Compounds						Qvalue
8) Diethyl Ether	2.170	74	3973	6.97	ug/l	65
15) Acetone	2.417	58	2717	18.16	ug/l	80
23) tert-Butyl Alcohol	3.011	59	61188	246.58	ug/l #	100
24) Methyl tert-Butyl Ether	3.170	73	2436	0.72	ug/l #	56
34) Benzene	6.111	78	8374	2.09	ug/l #	91
45) 1,4-Dioxane	7.711	88	4960	204.90	ug/l #	87
62) Toluene	8.765	91	3987	0.95	ug/l	97
64) Chlorobenzene	10.118	112	36420	14.01	ug/l	95
66) Ethyl Benzene	10.235	91	4678	0.97	ug/l	97
67) m/p-Xylenes	10.341	106	5477	3.15	ug/l	99
68) o-Xylene	10.682	106	4476	2.65	ug/l	92
70) Isopropylbenzene	11.000	105	4829	1.05	ug/l	98
74) n-propylbenzene	11.341	91	1631	0.30	ug/l	96
75) 2-Chlorotoluene	11.406	91	2549	0.77	ug/l	92
76) 1,3,5-Trimethylbenzene	11.488	105	1600	0.41	ug/l	88
80) 1,2,4-Trimethylbenzene	11.788	105	7793	1.98	ug/l	97
82) p-Isopropyltoluene	12.047	119	1903	0.48	ug/l	83
84) 1,4-Dichlorobenzene	12.083	146	20065	10.23	ug/l	97
87) 1,2-Dichlorobenzene	12.371	146	1362	0.71	ug/l	92
91) Naphthalene	13.818	128	21814	5.60	ug/l	100

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

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