

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023864.D
 Acq On : 20 Aug 2021 01:39
 Operator : JC/MD
 Sample : M3479-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 210818092-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:49:46 PM

Quant Time: Aug 20 03:18:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	144014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102542	51.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.040%			
35) Dibromofluoromethane	5.397	113	79077	48.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.840%			
50) Toluene-d8	8.653	98	306315	49.793	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.085	95	109466	48.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.680%			
Target Compounds						Qvalue
8) Diethyl Ether	2.136	74	8983	10.013	ug/l	91
11) Tert butyl alcohol	2.983	59	4433282	10906.498	ug/l	97
16) Acetone	2.386	43	66661	74.174	ug/l	90
17) Carbon Disulfide	2.508	76	1462	0.444	ug/l #	94
19) Methyl tert-butyl Ether	3.123	73	6794	1.412	ug/l	98
29) Tetrahydrofuran	5.013	42	1178655	1336.774	ug/l	88
40) Benzene	6.044	78	17590	2.630	ug/l #	88
49) 1,4-Dioxane	7.665	88	6116	136.426	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	13663m	4.861	ug/l	
52) Toluene	8.720	92	18839	4.348	ug/l	99
67) Ethyl Benzene	10.195	91	20861	2.460	ug/l	99
68) m/p-Xylenes	10.305	106	31165	9.648	ug/l	98
69) o-Xylene	10.646	106	17310	5.453	ug/l	97
73) Isopropylbenzene	10.963	105	10520	1.390	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	7159	1.151	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	23811	3.839	ug/l	95
86) p-Isopropyltoluene	12.012	119	4588	0.729	ug/l #	77
88) 1,4-Dichlorobenzene	12.042	146	7570	2.250	ug/l #	77
95) Naphthalene	13.780	128	102856	15.087	ug/l	100

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

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