Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
Data File : VX021820.D
Acq On : 22 Apr 2021 16:34
Operator : JC/MD
Sample : M2134-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
210421084-02-VOA

Manual Integrations APPROVED
MMDadoda
4/26/2021 4:52:14 PM

Quant Time: Apr 23 07:44:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	152469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	276106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	295837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	158521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	89003	51.46	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.92%			
35) Dibromofluoromethane	5.464	113	88675	50.22	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.44%			
50) Toluene-d8	8.695	98	341736	50.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.68%			
62) 4-Bromofluorobenzene	11.116	95	148623	58.62	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.24%			
Target Compounds						Qvalue
8) Diethyl Ether	2.166	74	2839	2.93	ug/l	90
11) Tert butyl alcohol	3.007	59	2510948	6629.37	ug/l	100
16) Acetone	2.416	43	717564	1206.70	ug/l	100
17) Carbon Disulfide	2.556	76	20963	5.22	ug/l	97
18) Methyl Acetate	2.745	43	6327m	3.92	ug/l	
19) Methyl tert-butyl Ether	3.166	73	14595	3.01	ug/l	95
25) 2-Butanone	4.635	43	1438699	1428.82	ug/l	100
29) Tetrahydrofuran	5.086	42	365936	558.54	ug/l	97
40) Benzene	6.111	78	29603	4.07	ug/l	99
49) 1,4-Dioxane	7.714	88	6113	133.09	ug/l	90
51) 4-Methyl-2-Pentanone	8.616	43	16895	7.35	ug/l	87
52) Toluene	8.762	92	22830	4.84	ug/l	98
65) Chlorobenzene	10.116	112	7778	1.27	ug/l	99
67) Ethyl Benzene	10.232	91	97628	9.23	ug/l	99
68) m/p-Xylenes	10.341	106	33572	8.21	ug/l	100
69) o-Xylene	10.677	106	19903	5.05	ug/l	96
73) Isopropylbenzene	11.000	105	11687	1.05	ug/l	98
78) n-propylbenzene	11.341	91	5973	0.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	6902	0.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	26378	2.77	ug/l	92
86) p-Isopropyltoluene	12.049	119	22514	2.20	ug/l	93
88) 1,4-Dichlorobenzene	12.079	146	17600	3.43	ug/l	90
95) Naphthalene	13.816	128	353288	33.06	ug/l	100

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

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