Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
Data File : VU048720.D
Acq On : 28 May 2022 02:48
Operator : SY/MD
Sample : N3033-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-16

Manual Integrations APPROVED

Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 30 03:00:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.375	168	232749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	392136	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	408940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	260414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	168724	48.270	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.540%			
35) Dibromofluoromethane	5.292	113	147945	52.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.760%			
50) Toluene-d8	7.899	98	452967	45.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.340%#			
62) 4-Bromofluorobenzene	10.635	95	233209	61.490	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.980%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.169	59	56871	64.175	ug/l #	28
16) Acetone	2.620	43	18726m	10.512	ug/l	
19) Methyl tert-butyl Ether	3.362	73	140044	15.580	ug/l #	1
22) Diisopropyl ether	3.996	45	30382	3.590	ug/l #	81
25) 2-Butanone	4.706	43	14959	5.845	ug/l	94
31) Cyclohexane	5.391	56	627260	142.395	ug/l	98
39) Methylcyclohexane	6.764	83	391022	91.335	ug/l	98
40) Benzene	5.774	78	1254992	104.112	ug/l	99
52) Toluene	7.970	92	740653	102.722	ug/l	100
67) Ethyl Benzene	9.568	91	19807490m	1357.828	ug/l	
68) m/p-Xylenes	9.700	106	18412065m	3227.143	ug/l	
69) o-Xylene	10.108	106	8736745	1558.665	ug/l #	1
73) Isopropylbenzene	10.484	105	1415788	84.212	ug/l	99
78) n-propylbenzene	10.909	91	5529340	276.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	7079349	484.210	ug/l	99
84) 1,2,4-Trimethylbenzene	11.465	105	21051309m	1305.489	ug/l	
85) sec-Butylbenzene	11.645	105	243441m	13.868	ug/l	
86) p-Isopropyltoluene	11.796	119	139525	9.255	ug/l	98
89) n-Butylbenzene	12.201	91	302075m	21.329	ug/l	

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

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