Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
Data File : VX031541.D
Acq On : 22 Sep 2022 01:11
Operator : JC/MD
Sample : N4614-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Sep 22 04:24:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-43

Manual Integrations APPROVED

Reviewed By :John Carlone 09/22/2022
Supervised By :Mahesh Dadoda 09/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	83298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82372	53.905	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	5.391	113	70949	50.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	8.653	98	282760	51.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.085	95	125502	67.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 135.920%#			
Target Compounds						Qvalue
16) Acetone	2.392	43	16731	14.846	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	32407	6.911	ug/l #	1
25) 2-Butanone	4.568	43	20702	17.553	ug/l	99
31) Cyclohexane	5.477	56	82396	36.366	ug/l	92
39) Methylcyclohexane	7.379	83	98345	36.748	ug/l	96
40) Benzene	6.043	78	404344	62.313	ug/l	99
52) Toluene	8.720	92	21472	5.074	ug/l	99
65) Chlorobenzene	10.085	112	3476	0.870	ug/l	98
67) Ethyl Benzene	10.207	91	11600160	1645.115	ug/l #	58
68) m/p-Xylenes	10.311	106	3209538	1132.633	ug/l	82
69) o-Xylene	10.646	106	826960	305.745	ug/l	91
73) Isopropylbenzene	10.963	105	852950	88.387	ug/l	99
78) n-propylbenzene	11.305	91	3117640	280.810	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	985732	120.363	ug/l	95
84) 1,2,4-Trimethylbenzene	11.762	105	7648614	948.319	ug/l	83
85) sec-Butylbenzene	11.890	105	128250m	12.767	ug/l	
86) p-Isopropyltoluene	12.012	119	50442	5.947	ug/l #	75
89) n-Butylbenzene	12.329	91	248077	34.333	ug/l #	32
95) Naphthalene	13.780	128	6851179	739.545	ug/l	94

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

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