Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
Data File : VX038121.D
Acq On : 06 Oct 2023 11:28
Operator : JC/MD
Sample : 04718-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 06 11:53:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
A455

Manual Integrations APPROVED

Reviewed By :John Carlone 10/06/2023
Supervised By :Mahesh Dadoda 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81142	46.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.280%			
35) Dibromofluoromethane	5.385	113	63477	44.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.120%			
50) Toluene-d8	8.647	98	247033	45.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.780%#			
62) 4-Bromofluorobenzene	11.079	95	95224	46.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	7969	9.873	ug/l #	91
16) Acetone	2.380	43	119514	162.826	ug/l	92
25) 2-Butanone	4.568	43	16804	14.189	ug/l	99
30) Chloroform	5.099	83	2573	1.034	ug/l	97
31) Cyclohexane	5.464	56	1018m	0.534	ug/l	
39) Methylcyclohexane	7.385	83	2101	0.913	ug/l	87
40) Benzene	6.044	78	9652	1.757	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	25368	10.561	ug/l	99
52) Toluene	8.720	92	64136	17.922	ug/l	91
67) Ethyl Benzene	10.195	91	115952	16.017	ug/l	100
68) m/p-Xylenes	10.299	106	131722	47.058	ug/l	99
69) o-Xylene	10.640	106	80731	29.551	ug/l	99
73) Isopropylbenzene	10.963	105	30333	4.430	ug/l	100
78) n-propylbenzene	11.305	91	67149	8.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	69890	11.832	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	304970	51.784	ug/l	97
85) sec-Butylbenzene	11.890	105	21977	2.939	ug/l	95
86) p-Isopropyltoluene	12.012	119	15628	2.534	ug/l	97
89) n-Butylbenzene	12.329	91	28485	4.637	ug/l #	36
95) Naphthalene	13.774	128	64957	8.618	ug/l	97

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

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