Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
Data File : VX032636.D
Acq On : 07 Nov 2022 18:44
Operator : JC/MD
Sample : N5497-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 08 03:16:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Manual Integrations APPROVED

Reviewed By :John Carlone
11/08/2022
Supervised By :Mahesh Dadoda
11/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	107388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74376	49.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.700%			
35) Dibromofluoromethane	5.391	113	58846	46.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.160%			
50) Toluene-d8	8.647	98	217936	49.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	90388	52.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.220%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	414	0.395	ug/l #	78
6) Chloroethane	1.685	64	1176	1.521	ug/l #	86
16) Acetone	2.380	43	25873	47.708	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	9373	2.476	ug/l #	1
20) Methylene Chloride	2.794	84	3292	2.647	ug/l #	84
25) 2-Butanone	4.568	43	15177	18.063	ug/l	94
31) Cyclohexane	5.471	56	17059	9.429	ug/l #	94
39) Methylcyclohexane	7.385	83	10857	5.160	ug/l	94
40) Benzene	6.044	78	627877	124.771	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	3378	1.887	ug/l	95
52) Toluene	8.720	92	440668	134.219	ug/l	99
67) Ethyl Benzene	10.195	91	1733130	267.147	ug/l	99
68) m/p-Xylenes	10.305	106	515908	204.793	ug/l	99
69) o-Xylene	10.646	106	689551	281.527	ug/l	99
73) Isopropylbenzene	10.963	105	54483	8.140	ug/l	99
78) n-propylbenzene	11.305	91	115064	14.921	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	383816	67.095	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1202691	211.383	ug/l	99
85) sec-Butylbenzene	11.890	105	5003m	0.728	ug/l	
86) p-Isopropyltoluene	12.006	119	4953	0.849	ug/l #	74
89) n-Butylbenzene	12.317	91	10678m	2.105	ug/l	
95) Naphthalene	13.774	128	538922	81.272	ug/l	100

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

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