Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
Data File : VX033304.D
Acq On : 08 Dec 2022 00:10
Operator : JC/MD
Sample : N5906-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-13R

Manual Integrations APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 08 01:45:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	147228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47147	49.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.840%			
35) Dibromofluoromethane	5.385	113	51060	47.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.800%			
50) Toluene-d8	8.653	98	117230	52.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.040%			
62) 4-Bromofluorobenzene	11.079	95	98514	57.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	54207	187.717	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	111927	24.209	ug/l #	1
22) Diisopropyl ether	3.757	45	10972	2.403	ug/l #	85
31) Cyclohexane	5.477	56	162031	72.184	ug/l	91
39) Methylcyclohexane	7.385	83	158416	67.385	ug/l	98
40) Benzene	6.044	78	1381779	225.638	ug/l	100
52) Toluene	8.720	92	131837	33.297	ug/l	100
64) Tetrachloroethene	9.275	164	1325	0.866	ug/l	95
65) Chlorobenzene	10.079	112	2255	0.498	ug/l #	82
67) Ethyl Benzene	10.195	91	3009622	381.181	ug/l	96
68) m/p-Xylenes	10.305	106	565062	183.946	ug/l	97
69) o-Xylene	10.640	106	177858	58.576	ug/l	99
73) Isopropylbenzene	10.963	105	734231	87.675	ug/l	99
78) n-propylbenzene	11.305	91	2366960	253.129	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	106610	15.293	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1313952	188.829	ug/l	97
85) sec-Butylbenzene	11.890	105	126768	15.630	ug/l	98
86) p-Isopropyltoluene	12.012	119	23007m	3.290	ug/l	
89) n-Butylbenzene	12.329	91	180504	31.518	ug/l #	72
95) Naphthalene	13.774	128	1852298	240.079	ug/l	99

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

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