Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
Data File : VX030298.D
Acq On : 29 Jul 2022 13:25
Operator : JC/MD
Sample : N3975-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
220727100-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 05:12:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	156143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165996	52.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	5.391	113	128140	48.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.960%			
50) Toluene-d8	8.653	98	492324	48.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.180%			
62) 4-Bromofluorobenzene	11.085	95	173656	46.185	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	841	0.328	ug/l	79
6) Chloroethane	1.685	64	1035	0.705	ug/l #	80
8) Diethyl Ether	2.136	74	17160	13.007	ug/l	97
11) Tert butyl alcohol	2.965	59	165224	215.827	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	6364	0.762	ug/l	93
29) Tetrahydrofuran	5.013	42	270468	148.878	ug/l	94
40) Benzene	6.044	78	20569	1.736	ug/l	96
49) 1,4-Dioxane	7.665	88	15396	173.279	ug/l	94
52) Toluene	8.726	92	6114	0.846	ug/l	99
65) Chlorobenzene	10.080	112	103293	13.765	ug/l	98
68) m/p-Xylenes	10.305	106	14783	2.908	ug/l	91
69) o-Xylene	10.647	106	18045	3.602	ug/l	88
73) Isopropylbenzene	10.964	105	6452	0.535	ug/l	99
79) 2-Chlorotoluene	11.366	91	8842	0.973	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3727	0.369	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	15892	1.578	ug/l	96
86) p-Isopropyltoluene	12.012	119	5261m	0.513	ug/l	
88) 1,4-Dichlorobenzene	12.043	146	50805	9.069	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	3657	0.677	ug/l	95
95) Naphthalene	13.780	128	29568	2.417	ug/l	96

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

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