Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028970.D
Acq On : 25 May 2022 23:59
Operator : JC/MD
Sample : N3002-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Manual Integrations APPROVED

Reviewed By :John Carlone 05/26/2022
Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 26 05:50:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	342367	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.763	114	603283	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	584910	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	303594	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	225796	48.113	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.220%				
35) Dibromofluoromethane	5.385	113	197986	50.090	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.180%				
50) Toluene-d8	8.653	98	729522	48.954	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.900%				
62) 4-Bromofluorobenzene	11.079	95	297211	53.397	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.800%				
Target Compounds							Qvalue
10) Methyl Iodide	2.465	142	1674	0.366	ug/l		90
11) Tert butyl alcohol	2.946	59	16444	8.813	ug/l	#	72
19) Methyl tert-butyl Ether	3.117	73	24181	1.923	ug/l	#	44
20) Methylene Chloride	2.794	84	1477	0.350	ug/l	#	85
31) Cyclohexane	5.470	56	19208	2.949	ug/l		98
39) Methylcyclohexane	7.379	83	24214	3.557	ug/l	#	86
40) Benzene	6.037	78	130291	7.636	ug/l		100
44) Trichloroethene	7.123	130	2274	0.491	ug/l		100
52) Toluene	8.720	92	120194	10.951	ug/l		98
67) Ethyl Benzene	10.195	91	2910770	130.874	ug/l		96
68) m/p-Xylenes	10.305	106	4249388	490.748	ug/l		87
69) o-Xylene	10.646	106	2158051	253.136	ug/l		95
73) Isopropylbenzene	10.963	105	153093	6.650	ug/l		99
78) n-propylbenzene	11.305	91	397943	14.943	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	904075	47.127	ug/l		100
84) 1,2,4-Trimethylbenzene	11.756	105	3629469	188.667	ug/l		96
85) sec-Butylbenzene	11.890	105	20941m	0.914	ug/l		
86) p-Isopropyltoluene	12.012	119	14911	0.776	ug/l	#	75
94) Hexachlorobutadiene	13.725	225	993	0.403	ug/l		96
95) Naphthalene	13.774	128	1428921	66.235	ug/l		100

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

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