Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
Data File : VN073874.D
Acq On : 13 Aug 2022 17:39
Operator : JC\MD
Sample : N4156-08RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 14 02:37:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
11261RE

Manual Integrations APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	676116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	981782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.692	117	1099699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	656102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	333260	40.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.900%			
35) Dibromofluoromethane	7.951	113	324902	52.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	10.392	98	1197480	49.360	ug/l	0.01
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.686	95	567175	65.686	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery = 131.380%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.292	59	142716	80.314	ug/l	99
13) Acrolein	3.981	56	12638	7.174	ug/l	96
16) Acetone	4.216	43	6068700	1371.289	ug/l	99
18) Methyl Acetate	4.745	43	47211185m	4287.953	ug/l	
20) Methylene Chloride	5.004	84	30687	2.178	ug/l	94
25) 2-Butanone	7.257	43	1699921	247.342	ug/l	98
29) Tetrahydrofuran	7.604	42	8174339	1881.192	ug/l	94
37) Ethyl Acetate	7.333	43	438613	37.904	ug/l	99
43) Isopropyl Acetate	8.498	43	753980	48.240	ug/l #	71
48) Methyl methacrylate	9.498	41	3081019	450.344	ug/l	93
51) 4-Methyl-2-Pentanone	10.316	43	13480233	1202.502	ug/l	96
52) Toluene	10.427	92	52270905m	2999.245	ug/l	
64) Tetrachloroethene	10.921	164	11640	1.332	ug/l	93
67) Ethyl Benzene	11.774	91	22622313m	574.069	ug/l	
68) m/p-Xylenes	11.886	106	26514838m	1764.149	ug/l	
69) o-Xylene	12.221	106	23259824m	1587.373	ug/l	
73) Isopropylbenzene	12.539	105	1399188	29.132	ug/l	99
78) n-propylbenzene	12.868	91	3727299	68.972	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	6284500	159.003	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	19635572	505.235	ug/l	66
85) sec-Butylbenzene	13.445	105	242654m	5.015	ug/l	
86) p-Isopropyltoluene	13.557	119	103345m	2.709	ug/l	
89) n-Butylbenzene	13.880	91	90124	2.904	ug/l #	76
95) Naphthalene	15.433	128	1577891	42.324	ug/l	100

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

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