Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
Data File : VN070607.D
Acq On : 13 Jan 2022 13:17
Operator : JC/MD
Sample : N1123-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 14 04:53:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
220112013-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	795993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1312196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1173992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	446107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	627937	54.866	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.740%			
35) Dibromofluoromethane	8.021	113	449622	56.631	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.260%			
50) Toluene-d8	10.440	98	1760970	54.295	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.731	95	670494	57.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.480%			
Target Compounds						Qvalue
8) Diethyl Ether	3.824	74	63258	10.664	ug/l	80
11) Tert butyl alcohol	5.374	59	605169	317.570	ug/l #	81
16) Acetone	4.291	43	44564	5.998	ug/l	96
18) Methyl Acetate	4.865	43	13204	0.614	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	20904	0.694	ug/l #	87
24) 1,1-Dichloroethane	6.393	63	8105m	0.437	ug/l	
25) 2-Butanone	7.321	43	56494	6.039	ug/l #	71
29) Tetrahydrofuran	7.686	42	1162562	208.296	ug/l	87
40) Benzene	8.461	78	64329	1.598	ug/l	96
49) 1,4-Dioxane	9.569	88	42392	226.198	ug/l #	84
52) Toluene	10.505	92	23326	0.957	ug/l	100
65) Chlorobenzene	11.768	112	250078	10.039	ug/l	98
67) Ethyl Benzene	11.843	91	29133	0.638	ug/l	96
68) m/p-Xylenes	11.953	106	76132	4.583	ug/l	91
69) o-Xylene	12.278	106	57659	3.489	ug/l	87
73) Isopropylbenzene	12.581	105	23379	0.564	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	17412	0.524	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	64622	2.021	ug/l	98
86) p-Isopropyltoluene	13.616	119	29069	0.932	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	158377	10.084	ug/l	95
89) n-Butylbenzene	13.940	91	14912	0.573	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	16307	1.045	ug/l	96
93) 1,2,4-Trichlorobenzene	15.260	180	12067	1.641	ug/l	97
95) Naphthalene	15.507	128	64609	4.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	13541	2.719	ug/l	94

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

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