Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
Data File : VN082878.D
Acq On : 11 Jul 2024 15:56
Operator : JC\MD
Sample : P3220-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 12 01:08:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
240710076-02-VOA

Manual Integrations APPROVED

Reviewed By :John Carlone 07/12/2024
Supervised By :Mahesh Dadoda 07/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	133401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	235511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	91570	48.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.940%			
35) Dibromofluoromethane	8.171	113	74103	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	10.565	98	279786	49.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.800%			
62) 4-Bromofluorobenzene	12.853	95	105997	52.103	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.200%			
Target Compounds						Qvalue
8) Diethyl Ether	3.959	74	4479	5.290	ug/l	83
11) Tert butyl alcohol	5.524	59	2775309	8823.811	ug/l	99
16) Acetone	4.424	43	308777	468.994	ug/l	93
17) Carbon Disulfide	4.712	76	18786	4.617	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	10423	2.219	ug/l	95
25) 2-Butanone	7.482	43	176678m	177.723	ug/l	
29) Tetrahydrofuran	7.835	42	731742	1169.191	ug/l #	83
40) Benzene	8.606	78	34102	5.244	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	17905m	8.391	ug/l	
52) Toluene	10.635	92	44754	11.017	ug/l	98
65) Chlorobenzene	11.894	112	7531	1.492	ug/l #	81
67) Ethyl Benzene	11.965	91	95292	11.235	ug/l	97
68) m/p-Xylenes	12.065	106	39701	12.398	ug/l	99
69) o-Xylene	12.400	106	20801	6.779	ug/l	99
73) Isopropylbenzene	12.694	105	9617	1.191	ug/l	98
78) n-propylbenzene	13.035	91	5022	0.541	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	6518	0.998	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	23794	3.575	ug/l	97
86) p-Isopropyltoluene	13.729	119	62172	9.526	ug/l	98
95) Naphthalene	15.641	128	146100	21.665	ug/l	99

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

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