Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
Data File : VN068087.D
Acq On : 12 Aug 2021 14:12
Operator : JC/MD
Sample : M3374-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-DISCHARGE

Manual Integrations APPROVED
MMDadoda
8/13/2021 10:56:24 AM

Quant Time: Aug 13 05:41:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.088	168	312773	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.968	114	582220	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	593569	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	229831	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.440	65	227794	51.446	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.900%				
35) Dibromofluoromethane	8.024	113	181123	53.380	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.760%				
50) Toluene-d8	10.443	98	760809	48.694	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.380%				
62) 4-Bromofluorobenzene	12.734	95	262044	46.144	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.280%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.377	59	4116m	6.938	ug/l		
16) Acetone	4.293	43	104073	64.417	ug/l		93
17) Carbon Disulfide	4.524	76	6532m	0.759	ug/l		
18) Methyl Acetate	4.867	43	4248m	0.993	ug/l		
25) 2-Butanone	7.351	43	16834	7.182	ug/l		95
29) Tetrahydrofuran	7.694	42	17328	11.545	ug/l	#	80
31) Cyclohexane	8.094	56	89957	13.772	ug/l	#	87
39) Methylcyclohexane	9.462	83	66481	11.423	ug/l		94
40) Benzene	8.461	78	183890	11.534	ug/l		100
52) Toluene	10.513	92	3529	0.341	ug/l		88
68) m/p-Xylenes	11.950	106	10776	5.163	ug/l		86
69) o-Xylene	12.283	106	6237	0.789	ug/l		93
70) Styrene	12.296	104	4295	2.893	ug/l	#	75
73) Isopropylbenzene	12.583	105	12297	0.656	ug/l		100
78) n-propylbenzene	12.921	91	5909	0.279	ug/l		98
80) 1,3,5-Trimethylbenzene	13.061	105	12040	0.792	ug/l		93
82) 4-Chlorotoluene	13.104	91	4253	0.328	ug/l		94
83) tert-Butylbenzene	13.324	119	3806	0.301	ug/l		83
84) 1,2,4-Trimethylbenzene	13.369	105	12876	0.874	ug/l		94
85) sec-Butylbenzene	13.503	105	14688	0.831	ug/l		87
86) p-Isopropyltoluene	13.619	119	9578m	0.681	ug/l		
87) 1,3-Dichlorobenzene	13.621	146	2828	0.358	ug/l	#	76
88) 1,4-Dichlorobenzene	13.699	146	5030	0.644	ug/l	#	51
89) n-Butylbenzene	13.943	91	8057m	0.668	ug/l		
91) 1,2-Dichlorobenzene	13.994	146	3675	0.494	ug/l		89
93) 1,2,4-Trichlorobenzene	15.271	180	7653	4.647	ug/l	#	80
94) Hexachlorobutadiene	15.370	225	937	0.606	ug/l		93
96) 1,2,3-Trichlorobenzene	15.705	180	9020	5.088	ug/l	#	81

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

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