Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081021\
Data File : BN015840.D
Acq On : 10 Aug 2021 15:46
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WATER 0.1ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations APPROVED
mohammad
8/11/2021 9:27:00 PM

Quant Time: Aug 10 17:25:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 19:13:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	9002	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	44859	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	26485	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	53748	0.400	ng		0.00
29) Chrysene-d12	21.504	240	58797	0.400	ng		# 0.01
35) Perylene-d12	23.929	264	54851	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	7562	0.323	ng		0.00
5) Phenol-d6	7.080	99	9922	0.313	ng		0.00
8) Nitrobenzene-d5	9.076	82	10031	0.285	ng		0.00
11) 2-Methylnaphthalene-d10	12.318	152	27433	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3197	0.270	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	31354	0.295	ng		0.00
27) Fluoranthene-d10	19.341	212	61832	0.379	ng		0.00
31) Terphenyl-d14	19.937	244	54979	0.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	367	0.097	ng		95
3) n-Nitrosodimethylamine	3.797	42	823m	0.090	ng		
6) bis(2-Chloroethyl)ether	7.357	93	2445	0.099	ng		98
9) Naphthalene	10.774	128	11406	0.097	ng		99
10) Hexachlorobutadiene	11.078	225	3008	0.099	ng	#	99
12) 2-Methylnaphthalene	12.390	142	7815	0.096	ng		98
16) Acenaphthylene	14.281	152	9379	0.083	ng		99
17) Acenaphthene	14.624	154	6696	0.089	ng		99
18) Fluorene	15.601	166	8435	0.089	ng		98
20) 4,6-Dinitro-2-methylph...	15.690	198	198	0.284	ng	#	27
21) 4-Bromophenyl-phenylether	16.494	248	2672	0.093	ng		97
22) Hexachlorobenzene	16.616	284	3604	0.097	ng		99
23) Atrazine	16.762	200	2026	0.080	ng		96
24) Pentachlorophenol	16.957	266	759	0.053	ng		100
25) Phenanthrene	17.346	178	13686	0.091	ng		97
26) Anthracene	17.444	178	11862	0.087	ng		100
28) Fluoranthene	19.371	202	16809	0.093	ng		100
30) Pyrene	19.733	202	16220	0.087	ng		100
32) Benzo(a)anthracene	21.482	228	16781	0.088	ng		99
33) Chrysene	21.535	228	16984	0.089	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	6290	0.072	ng		99
36) Indeno(1,2,3-cd)pyrene	26.449	276	16588	0.088	ng	#	96
37) Benzo(b)fluoranthene	23.194	252	17404m	0.091	ng		
38) Benzo(k)fluoranthene	23.238	252	16951	0.095	ng		95
39) Benzo(a)pyrene	23.823	252	15709	0.095	ng	#	91
40) Dibenzo(a,h)anthracene	26.473	278	13451	0.088	ng	#	84
41) Benzo(g,h,i)perylene	27.219	276	14630	0.088	ng		98

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

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