Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
Data File : BN013680.D
Acq On : 19 Feb 2021 13:09
Operator : CG/JU
Sample : M1448-06MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3-138-150-021721MSD

Manual Integrations APPROVED
mohammad
2/22/2021 2:10:35 PM

Quant Time: Feb 19 13:42:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5236	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	21160	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	11802	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	25073m	0.40	ng		0.00
29) Chrysene-d12	21.133	240	25976	0.40	ng		0.00
36) Perylene-d12	23.301	264	24986	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	2293	0.20	ng		0.00
5) Phenol-d6	6.726	99	1876	0.13	ng		0.00
8) Nitrobenzene-d5	8.680	82	4000	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	12222	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1470	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	15185	0.34	ng		0.00
27) Fluoranthene-d10	18.970	212	25818	0.38	ng		0.00
31) Terphenyl-d14	19.581	244	24115	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	12683	2.16	ng		96
3) n-Nitrosodimethylamine	3.496	42	743	0.17	ng	#	94
6) bis(2-Chloroethyl)ether	6.984	93	4679	0.37	ng		100
9) Naphthalene	10.353	128	23301	0.45	ng		100
10) Hexachlorobutadiene	10.644	225	2804	0.32	ng	#	97
12) 2-Methylnaphthalene	11.977	142	13109	0.37	ng		99
16) Acenaphthylene	13.889	152	17761	0.39	ng		99
17) Acenaphthene	14.245	154	12305	0.38	ng		98
18) Fluorene	15.234	166	15810	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	954m	0.42	ng		
21) 4-Bromophenyl-phenylether	16.130	248	4795m	0.39	ng		
22) Hexachlorobenzene	16.240	284	5142m	0.38	ng		
23) Atrazine	16.410	200	2648	0.33	ng		96
24) Pentachlorophenol	16.581	266	3213m	0.99	ng		
25) Phenanthrene	16.970	178	28923m	0.42	ng		
26) Anthracene	17.055	178	23464m	0.42	ng		
28) Fluoranthene	19.000	202	33456	0.45	ng		99
30) Pyrene	19.362	202	34785	0.45	ng		99
32) Benzo(a)anthracene	21.123	228	31872	0.46	ng		100
33) Chrysene	21.165	228	32389	0.41	ng		99
34) Bis(2-ethylhexyl)phtha...	21.069	149	20561	1.01	ng		99
35) Indeno(1,2,3-cd)pyrene	25.447	276	36686	0.44	ng		99
37) Benzo(b)fluoranthene	22.657	252	35293	0.41	ng		98
38) Benzo(k)fluoranthene	22.699	252	32369	0.37	ng		98
39) Benzo(a)pyrene	23.205	252	28104	0.38	ng		98
40) Dibenzo(a,h)anthracene	25.461	278	29239	0.37	ng		97
41) Benzo(g,h,i)perylene	26.094	276	32052	0.39	ng		99

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

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