Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
Data File : BN013614.D
Acq On : 12 Feb 2021 16:04
Operator : CG/JU
Sample : PB134610BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134610BS

Manual Integrations APPROVED
mohammad
2/15/2021 11:26:54 AM

Quant Time: Feb 12 17:19:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	6033	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	22523	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12246	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	26096	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	26303	0.40	ng		# 0.00
36) Perylene-d12	23.304	264	25531	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	4625	0.35	ng		0.00
5) Phenol-d6	6.726	99	5766	0.35	ng		0.00
8) Nitrobenzene-d5	8.680	82	4652	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	13587	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1124	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18604	0.40	ng		0.00
27) Fluoranthene-d10	18.975	212	27184	0.39	ng		0.00
31) Terphenyl-d14	19.585	244	22979	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3009	0.45	ng		91
3) n-Nitrosodimethylamine	3.496	42	1972	0.40	ng		99
6) bis(2-Chloroethyl)ether	6.983	93	5862	0.40	ng		98
9) Naphthalene	10.353	128	21843	0.40	ng		99
10) Hexachlorobutadiene	10.657	225	3678	0.40	ng	#	99
12) 2-Methylnaphthalene	11.982	142	14681	0.39	ng		99
16) Acenaphthylene	13.902	152	16755	0.36	ng		99
17) Acenaphthene	14.245	154	13109	0.39	ng		98
18) Fluorene	15.234	166	16263	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	878	0.39	ng	#	84
21) 4-Bromophenyl-phenylether	16.130	248	4957	0.38	ng	#	86
22) Hexachlorobenzene	16.240	284	5525	0.39	ng		98
23) Atrazine	16.410	200	2779	0.34	ng		98
24) Pentachlorophenol	16.593	266	973	0.43	ng		97
25) Phenanthrene	16.970	178	27580	0.39	ng		100
26) Anthracene	17.067	178	21315	0.36	ng		99
28) Fluoranthene	19.005	202	30336	0.39	ng		99
30) Pyrene	19.367	202	30289	0.38	ng		100
32) Benzo(a)anthracene	21.122	228	26225	0.37	ng		99
33) Chrysene	21.175	228	33299	0.41	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	7595	0.37	ng		100
35) Indeno(1,2,3-cd)pyrene	25.454	276	37834	0.45	ng		98
37) Benzo(b)fluoranthene	22.661	252	33410m	0.38	ng		
38) Benzo(k)fluoranthene	22.702	252	34673	0.39	ng	#	95
39) Benzo(a)pyrene	23.212	252	28733	0.38	ng		94
40) Dibenzo(a,h)anthracene	25.467	278	31988	0.40	ng		97
41) Benzo(g,h,i)perylene	26.108	276	32969	0.39	ng		98

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

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