Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014026.D
Acq On : 22 Mar 2021 23:05
Operator : CG/JU
Sample : PB135271BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135271BSD

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:52 AM

Quant Time: Mar 23 00:21:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5692	0.40	ng		0.00
7) Naphthalene-d8	10.479	136	20534	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	10652	0.40	ng		-0.01
19) Phenanthrene-d10	17.067	188	23005	0.40	ng		# 0.00
29) Chrysene-d12	21.237	240	23389	0.40	ng		-0.01
36) Perylene-d12	23.449	264	23916	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	5690	0.43	ng		0.00
5) Phenol-d6	6.863	99	7079	0.43	ng		0.00
8) Nitrobenzene-d5	8.845	82	5154	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	12826	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1236	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	16870	0.42	ng		0.00
27) Fluoranthene-d10	19.091	212	26676	0.42	ng		0.00
31) Terphenyl-d14	19.692	244	21456	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3118	0.42	ng		96
3) n-Nitrosodimethylamine	3.585	42	1518	0.30	ng	#	98
6) bis(2-Chloroethyl)ether	7.128	93	6094	0.42	ng		96
9) Naphthalene	10.518	128	20941	0.41	ng		99
10) Hexachlorobutadiene	10.809	225	3903	0.41	ng	#	100
12) 2-Methylnaphthalene	12.137	142	13858	0.40	ng		99
16) Acenaphthylene	14.042	152	16110	0.39	ng		99
17) Acenaphthene	14.384	154	12539	0.42	ng		100
18) Fluorene	15.374	166	15453	0.41	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	928	0.36	ng	#	86
21) 4-Bromophenyl-phenylether	16.264	248	4853	0.41	ng	#	90
22) Hexachlorobenzene	16.373	284	5690	0.42	ng		99
23) Atrazine	16.531	200	2891	0.36	ng		98
24) Pentachlorophenol	16.714	266	1126	0.35	ng		94
25) Phenanthrene	17.103	178	25666	0.41	ng		100
26) Anthracene	17.189	178	20785	0.40	ng		100
28) Fluoranthene	19.121	202	28809	0.41	ng		99
30) Pyrene	19.483	202	29384	0.41	ng		100
32) Benzo(a)anthracene	21.226	228	26167	0.39	ng		99
33) Chrysene	21.279	228	31103	0.43	ng		96
34) Bis(2-ethylhexyl)phtha...	21.162	149	8020	0.32	ng		99
35) Indeno(1,2,3-cd)pyrene	25.656	276	38711	0.49	ng		99
37) Benzo(b)fluoranthene	22.785	252	34827	0.40	ng	#	97
38) Benzo(k)fluoranthene	22.829	252	33637m	0.39	ng		
39) Benzo(a)pyrene	23.353	252	31110	0.42	ng	#	95
40) Dibenzo(a,h)anthracene	25.674	278	32505	0.41	ng		98
41) Benzo(g,h,i)perylene	26.334	276	34095	0.41	ng		98

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

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