Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010238.D
Acq On : 17 Mar 2020 14:11
Operator : CG/JU
Sample : PB127524BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127524BS

Manual Integrations APPROVED
mohammad
3/18/2020 4:01:35 PM

Quant Time: Mar 17 16:30:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3074	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	10450	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	6261	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	14531	0.40	ng		0.00
27) Chrysene-d12	21.19	240	14951	0.40	ng		-0.01
34) Perylene-d12	23.36	264	15678	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2319	0.32	ng		0.00
5) Phenol-d6	6.81	99	2909	0.32	ng		0.00
8) Nitrobenzene-d5	8.76	82	2446	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	6541	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	750	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	9713	0.44	ng		0.00
25) Fluoranthene-d10	19.03	212	16775	0.37	ng		0.00
29) Terphenyl-d14	19.64	244	13321	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1166	0.389	ng	#	56
3) n-Nitrosodimethylamine	3.58	42	802	0.302	ng	#	32
6) bis(2-Chloroethyl)ether	7.07	93	2865	0.381	ng		95
9) Naphthalene	10.44	128	10382	0.397	ng		96
10) Hexachlorobutadiene	10.75	225	2540	0.421	ng	#	99
12) 2-Methylnaphthalene	12.06	142	7087	0.377	ng		95
16) Acenaphthylene	13.97	152	9654	0.334	ng		99
17) Acenaphthene	14.31	154	6699	0.382	ng		97
18) Fluorene	15.31	166	9071	0.379	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	3523m	0.422	ng		
21) Hexachlorobenzene	16.31	284	3732	0.458	ng		99
22) Pentachlorophenol	16.66	266	799	0.318	ng		92
23) Phenanthrene	17.03	178	15692	0.407	ng		100
24) Anthracene	17.12	178	13058	0.340	ng		100
26) Fluoranthene	19.06	202	19007	0.389	ng		99
28) Pyrene	19.42	202	18820	0.377	ng		99
30) Benzo(a)anthracene	21.17	228	17412	0.343	ng		99
31) Chrysene	21.23	228	20672	0.413	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	4287	0.198	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.52	276	21553	0.363	ng		98
35) Benzo(b)fluoranthene	22.72	252	19751	0.410	ng		98
36) Benzo(k)fluoranthene	22.76	252	19860	0.408	ng		99
37) Benzo(a)pyrene	23.27	252	16485	0.362	ng		99
38) Dibenzo(a,h)anthracene	25.54	278	17905	0.392	ng		98
39) Benzo(g,h,i)perylene	26.16	276	18322	0.402	ng		98

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

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