Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032720\
Data File : BN010351.D
Acq On : 27 Mar 2020 14:45
Operator : CG/JU
Sample : PB127802BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127802BS

Manual Integrations APPROVED
mohammad
3/31/2020 8:16:37 AM

Quant Time: Mar 27 15:21:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	6151	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	20895	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	11242	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	25213	0.40	ng		0.00
27) Chrysene-d12	21.19	240	22610	0.40	ng		0.00
34) Perylene-d12	23.36	264	23731	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	4188	0.34	ng		0.00
5) Phenol-d6	6.80	99	5080	0.34	ng		0.00
8) Nitrobenzene-d5	8.74	82	7409	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	14712m	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1197	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	25091	0.58	ng		-0.01
25) Fluoranthene-d10	19.02	212	19197	0.25	ng		0.00
29) Terphenyl-d14	19.63	244	24144	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1435	0.248	ng	#	79
3) n-Nitrosodimethylamine	3.55	42	1312	0.269	ng	#	51
6) bis(2-Chloroethyl)ether	7.05	93	5567	0.383	ng		91
9) Naphthalene	10.42	128	18962	0.364	ng		99
10) Hexachlorobutadiene	10.72	225	4457	0.353	ng	#	99
12) 2-Methylnaphthalene	12.04	142	12897	0.357	ng		99
16) Acenaphthylene	13.95	152	15549	0.352	ng		99
17) Acenaphthene	14.30	154	11043	0.351	ng		97
18) Fluorene	15.29	166	14514	0.348	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4971	0.325	ng	#	90
21) Hexachlorobenzene	16.31	284	5666	0.361	ng		97
22) Pentachlorophenol	16.65	266	4290	0.798	ng		97
23) Phenanthrene	17.03	178	24082	0.347	ng		100
24) Anthracene	17.11	178	20867	0.352	ng		100
26) Fluoranthene	19.05	202	28164	0.332	ng		100
28) Pyrene	19.41	202	28071	0.399	ng		100
30) Benzo(a)anthracene	21.16	228	25939	0.360	ng		98
31) Chrysene	21.22	228	29990	0.388	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	6790	0.279	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	38939	0.471	ng		100
35) Benzo(b)fluoranthene	22.71	252	29197	0.362	ng		100
36) Benzo(k)fluoranthene	22.76	252	32001	0.390	ng		98
37) Benzo(a)pyrene	23.26	252	25385	0.373	ng		99
38) Dibenzo(a,h)anthracene	25.52	278	32032	0.436	ng		100
39) Benzo(g,h,i)perylene	26.15	276	31981	0.432	ng		99

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

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