Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010144.D
Acq On : 09 Mar 2020 12:03
Operator : CG/JU
Sample : PB127320BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127320BS

Manual Integrations APPROVED
mohammad
3/10/2020 2:45:23 PM

Quant Time: Mar 09 17:08:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	811	0.40	ng		-0.04
7) Naphthalene-d8	10.14	136	2705	0.40	ng		-0.04
13) Acenaphthene-d10	14.01	164	1781	0.40	ng		-0.04
19) Phenanthrene-d10	16.78	188	3986	0.40	ng		-0.03
27) Chrysene-d12	21.00	240	3618	0.40	ng		-0.03
34) Perylene-d12	23.10	264	3867	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	614	0.34	ng		-0.02
5) Phenol-d6	6.65	99	733m	0.33	ng		0.00
8) Nitrobenzene-d5	8.59	82	706	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	2093	0.40	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	253	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.65	172	2502	0.37	ng		-0.03
25) Fluoranthene-d10	18.83	212	4962	0.36	ng		-0.03
29) Terphenyl-d14	19.44	244	3153	0.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	293m	0.353	ng		
3) n-Nitrosodimethylamine	3.43	42	314	0.230	ng	#	77
6) bis(2-Chloroethyl)ether	6.87	93	784m	0.367	ng		
9) Naphthalene	10.19	128	2864	0.388	ng		96
10) Hexachlorobutadiene	10.44	225	689	0.425	ng	#	97
12) 2-Methylnaphthalene	11.83	142	1974	0.390	ng		98
16) Acenaphthylene	13.73	152	2938	0.387	ng		99
17) Acenaphthene	14.08	154	2060	0.386	ng		98
18) Fluorene	15.08	166	2649	0.376	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	713m	0.210	ng		
21) Hexachlorobenzene	16.09	284	985	0.397	ng		97
22) Pentachlorophenol	16.49	266	177	0.391	ng		94
23) Phenanthrene	16.83	178	4171	0.352	ng		100
24) Anthracene	16.93	178	3559	0.355	ng		99
26) Fluoranthene	18.85	202	5047	0.355	ng		99
28) Pyrene	19.22	202	5237	0.381	ng		99
30) Benzo(a)anthracene	20.99	228	4105	0.342	ng		100
31) Chrysene	21.04	228	5071	0.365	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	2125	0.363	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.14	276	5731	0.396	ng		98
35) Benzo(b)fluoranthene	22.49	252	5074	0.359	ng		99
36) Benzo(k)fluoranthene	22.52	252	5602	0.364	ng		100
37) Benzo(a)pyrene	23.01	252	4774	0.370	ng	#	95
38) Dibenzo(a,h)anthracene	25.14	278	4382	0.345	ng		99
39) Benzo(g,h,i)perylene	25.76	276	5005	0.370	ng		98

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

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