Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019204.D
Acq On : 28 Mar 2022 20:35
Operator : CG/JU
Sample : PB143655BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143655BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 06:24:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4576	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12840	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	7162	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	14378	0.400	ng		0.00
29) Chrysene-d12	21.413	240	10923	0.400	ng	#	0.00
35) Perylene-d12	23.785	264	9627	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3802	0.352	ng		0.00
5) Phenol-d6	7.009	99	3808	0.308	ng		0.00
8) Nitrobenzene-d5	9.003	82	2886	0.290	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	7144	0.348	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1056	0.303	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	10792	0.359	ng		0.00
27) Fluoranthene-d10	19.257	212	15178	0.361	ng		0.00
31) Terphenyl-d14	19.856	244	8545	0.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2059	0.338	ng		96
3) n-Nitrosodimethylamine	3.564	42	2033	0.299	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	4373	0.327	ng		97
9) Naphthalene	10.690	128	13054	0.361	ng		99
10) Hexachlorobutadiene	10.989	225	3081	0.380	ng	#	100
12) 2-Methylnaphthalene	12.314	142	8403	0.354	ng		96
16) Acenaphthylene	14.196	152	11415	0.349	ng		100
17) Acenaphthene	14.538	154	8332	0.360	ng		99
18) Fluorene	15.532	166	10385	0.352	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	445	0.190	ng	#	62
21) 4-Bromophenyl-phenylether	16.415	248	3229	0.346	ng	#	84
22) Hexachlorobenzene	16.538	284	4464	0.404	ng		100
23) Atrazine	16.682	200	1898	0.293	ng		96
24) Pentachlorophenol	16.887	266	1106	0.279	ng		98
25) Phenanthrene	17.267	178	16560	0.359	ng		100
26) Anthracene	17.359	178	12807	0.335	ng		99
28) Fluoranthene	19.286	202	19102	0.367	ng		99
30) Pyrene	19.649	202	19746	0.383	ng		100
32) Benzo(a)anthracene	21.404	228	12361	0.352	ng		100
33) Chrysene	21.449	228	16294	0.362	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	7429	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	26.232	276	13661m	0.355	ng		
37) Benzo(b)fluoranthene	23.062	252	12756m	0.349	ng		
38) Benzo(k)fluoranthene	23.109	252	16503	0.356	ng		95
39) Benzo(a)pyrene	23.682	252	11926	0.381	ng	#	58
40) Dibenzo(a,h)anthracene	26.255	278	10160	0.351	ng	#	92
41) Benzo(g,h,i)perylene	26.974	276	14237	0.359	ng		98

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

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