Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
Data File : BN018712.D
Acq On : 24 Feb 2022 17:46
Operator : CG/JU
Sample : PB142900BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142900BSD

Quant Time: Feb 25 00:48:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	6441	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	15245	0.400	ng	#	0.00
13) Acenaphthene-d10	14.549	164	7122	0.400	ng		0.00
19) Phenanthrene-d10	17.287	188	13199	0.400	ng		0.00
29) Chrysene-d12	21.467	240	10260	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	9448	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4912	0.333	ng		0.00
5) Phenol-d6	7.067	99	5567	0.328	ng		0.00
8) Nitrobenzene-d5	9.067	82	3618	0.307	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	7487	0.326	ng		0.00
14) 2,4,6-Tribromophenol	16.026	330	826	0.297	ng		0.00
15) 2-Fluorobiphenyl	13.180	172	11353	0.336	ng		0.00
27) Fluoranthene-d10	19.312	212	11541	0.322	ng		0.00
31) Terphenyl-d14	19.906	244	7191	0.323	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	2634	0.352	ng	#	60
3) n-Nitrosodimethylamine	3.644	42	2587	0.349	ng		90
6) bis(2-Chloroethyl)ether	7.327	93	5881	0.337	ng		99
9) Naphthalene	10.765	128	14591	0.332	ng		99
10) Hexachlorobutadiene	11.064	225	3470	0.328	ng	#	99
12) 2-Methylnaphthalene	12.382	142	9810	0.333	ng		97
16) Acenaphthylene	14.260	152	10623	0.314	ng		99
17) Acenaphthene	14.602	154	7676	0.329	ng		99
18) Fluorene	15.586	166	9121	0.325	ng		99
20) 4,6-Dinitro-2-methylph...	15.660	198	509	0.325	ng	#	88
21) 4-Bromophenyl-phenylether	16.477	248	2940	0.313	ng		94
22) Hexachlorobenzene	16.600	284	3799	0.324	ng	#	86
23) Atrazine	16.733	200	1490	0.288	ng	#	93
24) Pentachlorophenol	16.938	266	670	0.335	ng		96
25) Phenanthrene	17.328	178	14436	0.327	ng		99
26) Anthracene	17.420	178	11562	0.309	ng		100
28) Fluoranthene	19.341	202	14822	0.321	ng	#	97
30) Pyrene	19.704	202	15246	0.333	ng		100
32) Benzo(a)anthracene	21.449	228	12395	0.319	ng		99
33) Chrysene	21.503	228	14593	0.336	ng		99
34) Bis(2-ethylhexyl)phtha...	21.378	149	4896	0.310	ng	#	94
36) Indeno(1,2,3-cd)pyrene	26.346	276	16687	0.334	ng	#	88
37) Benzo(b)fluoranthene	23.130	252	13681	0.319	ng	#	89
38) Benzo(k)fluoranthene	23.176	252	14047	0.330	ng	#	91
39) Benzo(a)pyrene	23.755	252	11024	0.322	ng	#	80
40) Dibenzo(a,h)anthracene	26.360	278	12858	0.330	ng	#	90
41) Benzo(g,h,i)perylene	27.106	276	13682	0.321	ng	#	89

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

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