Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021702.D
Acq On : 10 Sep 2022 17:41
Operator : CG/JU
Sample : PB147570BSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147570BSD

Quant Time: Sep 12 01:11:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	6492	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	21756	0.400	ng		-0.01
13) Acenaphthene-d10	14.718	164	12500	0.400	ng		0.00
19) Phenanthrene-d10	17.459	188	24666	0.400	ng		-0.01
29) Chrysene-d12	21.655	240	15033	0.400	ng		0.00
35) Perylene-d12	24.162	264	12950	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	7122	0.560	ng		0.00
5) Phenol-d6	7.217	99	9643	0.596	ng		0.00
8) Nitrobenzene-d5	9.233	82	6991	0.476	ng		0.00
11) 2-Methylnaphthalene-d10	12.478	152	21611	0.441	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1922	0.468	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	19765	0.362	ng		0.00
27) Fluoranthene-d10	19.493	212	23597	0.372	ng		0.00
31) Terphenyl-d14	20.088	244	15691	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2967	0.365	ng	#	93
3) n-Nitrosodimethylamine	3.735	42	3106	0.425	ng	#	95
6) bis(2-Chloroethyl)ether	7.477	93	8268	0.406	ng		98
9) Naphthalene	10.941	128	24389	0.378	ng		99
10) Hexachlorobutadiene	11.229	225	4075	0.365	ng	#	100
12) 2-Methylnaphthalene	12.180	142	5274	0.618	ng	#	93
16) Acenaphthylene	14.429	152	23388	0.398	ng		100
17) Acenaphthene	14.771	154	15508	0.376	ng		99
18) Fluorene	15.765	166	19464	0.382	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	5880	0.381	ng	#	91
22) Hexachlorobenzene	16.762	284	6792	0.360	ng		99
23) Atrazine	16.916	200	4635	0.515	ng		97
24) Pentachlorophenol	17.111	266	1358	0.442	ng		99
25) Phenanthrene	17.501	178	31231	0.367	ng		100
26) Anthracene	17.593	178	26548	0.393	ng		99
28) Fluoranthene	19.522	202	31390	0.355	ng		99
30) Pyrene	19.885	202	32300	0.403	ng		94
32) Benzo(a)anthracene	21.637	228	23191	0.443	ng		100
33) Chrysene	21.691	228	23172	0.372	ng		100
34) Bis(2-ethylhexyl)phtha...	21.548	149	17162	0.814	ng		100
36) Indeno(1,2,3-cd)pyrene	26.808	276	20546	0.351	ng		99
37) Benzo(b)fluoranthene	23.390	252	19807	0.310	ng	#	92
38) Benzo(k)fluoranthene	23.442	252	19595	0.305	ng	#	91
39) Benzo(a)pyrene	24.051	252	16762	0.376	ng	#	84
40) Dibenzo(a,h)anthracene	26.831	278	16247	0.345	ng		98
41) Benzo(g,h,i)perylene	27.623	276	17233	0.334	ng		98

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

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