Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034852.D
Acq On : 04 Nov 2024 22:45
Operator : RC/JU
Sample : PB164511BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Quant Time: Nov 05 00:11:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	6963	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	20876	0.400	ng	#	0.00
13) Acenaphthene-d10	14.222	164	10113	0.400	ng		0.00
19) Phenanthrene-d10	16.970	188	18739	0.400	ng		0.00
29) Chrysene-d12	21.160	240	9523	0.400	ng	#	0.00
35) Perylene-d12	23.338	264	6855	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	7258	0.344	ng		0.00
5) Phenol-d6	6.773	99	9854	0.360	ng		0.00
8) Nitrobenzene-d5	8.728	82	6056	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	13435	0.445	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	941	0.188	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	16003	0.402	ng		0.00
27) Fluoranthene-d10	19.001	212	15050	0.342	ng		0.00
31) Terphenyl-d14	19.610	244	8958	0.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	2581	0.338	ng	#	48
3) n-Nitrosodimethylamine	3.494	42	4137	0.481	ng		85
6) bis(2-Chloroethyl)ether	7.026	93	8459	0.423	ng		94
9) Naphthalene	10.404	128	21993	0.381	ng		100
10) Hexachlorobutadiene	10.703	225	3490	0.367	ng	#	99
12) 2-Methylnaphthalene	12.026	142	13772	0.365	ng		99
16) Acenaphthylene	13.933	152	18700	0.369	ng		99
17) Acenaphthene	14.286	154	12523	0.370	ng		96
18) Fluorene	15.270	166	15243	0.362	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	589	0.344	ng	#	89
21) 4-Bromophenyl-phenylether	16.175	248	3931	0.363	ng	#	91
22) Hexachlorobenzene	16.275	284	4826	0.398	ng		94
23) Atrazine	16.448	200	2704	0.290	ng		96
24) Pentachlorophenol	16.622	266	1805	0.345	ng		99
25) Phenanthrene	17.007	178	22736	0.413	ng		100
26) Anthracene	17.094	178	20145	0.391	ng		99
28) Fluoranthene	19.034	202	21341	0.351	ng		99
30) Pyrene	19.396	202	21406	0.430	ng		100
32) Benzo(a)anthracene	21.142	228	14751	0.389	ng		99
33) Chrysene	21.196	228	15862	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.107	149	7773	0.245	ng		97
36) Indeno(1,2,3-cd)pyrene	25.504	276	11610	0.460	ng		94
37) Benzo(b)fluoranthene	22.689	252	12624	0.457	ng	#	94
38) Benzo(k)fluoranthene	22.733	252	12571	0.467	ng		96
39) Benzo(a)pyrene	23.244	252	10085	0.443	ng	#	92
40) Dibenzo(a,h)anthracene	25.525	278	8853	0.450	ng		99
41) Benzo(g,h,i)perylene	26.162	276	9487	0.446	ng		95

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

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