Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111324\
Data File : BN035068.D
Acq On : 13 Nov 2024 16:15
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 13 16:45:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152	3163	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	8134	0.400	ng		0.00
13) Acenaphthene-d10	14.190	164	6225	0.400	ng		0.00
19) Phenanthrene-d10	16.932	188	16809	0.400	ng	#	0.00
29) Chrysene-d12	21.133	240	19216	0.400	ng	#	0.00
35) Perylene-d12	23.303	264	20465	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	37993	4.732	ng		0.00
5) Phenol-d6	6.737	99	50689	5.035	ng		0.00
8) Nitrobenzene-d5	8.685	82	35941	5.091	ng		-0.01
11) 2-Methylnaphthalene-d10	11.912	152	74330	5.128	ng		0.00
14) 2,4,6-Tribromophenol	15.691	330	25763	5.740	ng		0.00
15) 2-Fluorobiphenyl	12.811	172	125581	4.967	ng		0.00
27) Fluoranthene-d10	18.973	212	260540	5.059	ng		0.00
31) Terphenyl-d14	19.587	244	199585	4.950	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	13024	4.533	ng		99
3) n-Nitrosodimethylamine	3.465	42	12737	4.774	ng	#	94
6) bis(2-Chloroethyl)ether	6.990	93	36728	4.860	ng		99
9) Naphthalene	10.361	128	104370	4.914	ng		97
10) Hexachlorobutadiene	10.660	225	29615	4.757	ng	#	99
12) 2-Methylnaphthalene	11.988	142	80182	5.118	ng		98
16) Acenaphthylene	13.901	152	139668	5.250	ng		100
17) Acenaphthene	14.254	154	89181	5.115	ng		98
18) Fluorene	15.238	166	129071	5.033	ng		99
20) 4,6-Dinitro-2-methylph...	15.323	198	22059	6.304	ng	#	82
21) 4-Bromophenyl-phenylether	16.138	248	52850	4.935	ng	#	85
22) Hexachlorobenzene	16.250	284	54126	4.870	ng		99
23) Atrazine	16.423	200	47349	4.928	ng	#	93
24) Pentachlorophenol	16.597	266	32339	6.228	ng		98
25) Phenanthrene	16.982	178	217781	4.923	ng		99
26) Anthracene	17.069	178	210303	5.176	ng		100
28) Fluoranthene	19.006	202	305283	5.019	ng		100
30) Pyrene	19.368	202	316225	4.942	ng		100
32) Benzo(a)anthracene	21.124	228	335437	5.013	ng		100
33) Chrysene	21.169	228	317200	4.786	ng		97
34) Bis(2-ethylhexyl)phtha...	21.080	149	178320	5.121	ng		99
36) Indeno(1,2,3-cd)pyrene	25.455	276	405401	4.966	ng		100
37) Benzo(b)fluoranthene	22.660	252	347639	5.049	ng	#	95
38) Benzo(k)fluoranthene	22.703	252	347310	5.041	ng	#	95
39) Benzo(a)pyrene	23.209	252	308664	5.094	ng	#	93
40) Dibenzo(a,h)anthracene	25.469	278	323522	5.002	ng		98
41) Benzo(g,h,i)perylene	26.107	276	339655	4.937	ng		98

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

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