Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031450.D
Acq On : 09 May 2024 19:05
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 10 01:59:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	9983	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	33212	0.400	ng		0.00
13) Acenaphthene-d10	14.349	164	20437	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	47232	0.400	ng		0.00
29) Chrysene-d12	21.274	240	40947	0.400	ng		0.00
35) Perylene-d12	23.519	264	45034	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	47058	2.012	ng		0.00
5) Phenol-d6	6.873	99	64007	2.305	ng		0.00
8) Nitrobenzene-d5	8.862	82	39304	1.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	89843	1.828	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	13042	1.435	ng		0.00
15) 2-Fluorobiphenyl	12.981	172	132369	1.751	ng		0.00
27) Fluoranthene-d10	19.124	212	217673	1.703	ng		0.00
31) Terphenyl-d14	19.732	244	165194	1.589	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	20188	1.694	ng	#	85
3) n-Nitrosodimethylamine	3.551	42	20451	1.720	ng		97
6) bis(2-Chloroethyl)ether	7.148	93	56187	2.164	ng		99
9) Naphthalene	10.549	128	154007	1.659	ng		96
10) Hexachlorobutadiene	10.837	225	26754	1.381	ng	#	99
12) 2-Methylnaphthalene	12.168	142	104971	1.840	ng		99
16) Acenaphthylene	14.071	152	172012	1.919	ng		100
17) Acenaphthene	14.413	154	108320	1.763	ng		99
18) Fluorene	15.397	166	142037	1.786	ng		100
20) 4,6-Dinitro-2-methylph...	15.472	198	6690	0.886	ng	#	29
21) 4-Bromophenyl-phenylether	16.296	248	46390	1.702	ng		95
22) Hexachlorobenzene	16.396	284	46565	1.492	ng		99
23) Atrazine	16.569	200	42126	1.970	ng		97
24) Pentachlorophenol	16.731	266	17805	1.389	ng		98
25) Phenanthrene	17.128	178	220469	1.627	ng		100
26) Anthracene	17.227	178	218330	1.916	ng		100
28) Fluoranthene	19.151	202	266781	1.612	ng		100
30) Pyrene	19.514	202	277391	1.680	ng		100
32) Benzo(a)anthracene	21.256	228	266825	1.887	ng		99
33) Chrysene	21.310	228	251651	1.708	ng		99
34) Bis(2-ethylhexyl)phtha...	21.220	149	148503	1.988	ng		100
36) Indeno(1,2,3-cd)pyrene	25.788	276	299470	1.646	ng		98
37) Benzo(b)fluoranthene	22.844	252	271878	1.539	ng		97
38) Benzo(k)fluoranthene	22.888	252	259183	1.496	ng		96
39) Benzo(a)pyrene	23.420	252	236118	1.593	ng		97
40) Dibenzo(a,h)anthracene	25.814	278	237107	1.654	ng		97
41) Benzo(g,h,i)perylene	26.481	276	254724	1.751	ng		98

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

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