Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081024\
Data File : BN033335.D
Acq On : 10 Aug 2024 14:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 12 01:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 00:59:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.580	152	3251	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	9138	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	5282	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	12691	0.400	ng		0.00
29) Chrysene-d12	21.166	240	11524	0.400	ng		0.00
35) Perylene-d12	23.349	264	13553	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.204	112	1846	0.216	ng		0.00
5) Phenol-d6	6.749	99	2374	0.203	ng		0.00
8) Nitrobenzene-d5	8.704	82	1357	0.243	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	2682	0.188	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	521	0.244	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	4214	0.212	ng		0.00
27) Fluoranthene-d10	19.002	212	6478	0.186	ng		0.00
31) Terphenyl-d14	19.620	244	4203	0.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	779	0.216	ng		93
3) n-Nitrosodimethylamine	3.492	42	871	0.190	ng	#	96
6) bis(2-Chloroethyl)ether	7.017	93	1926	0.193	ng		100
9) Naphthalene	10.391	128	4942	0.193	ng		95
10) Hexachlorobutadiene	10.690	225	941	0.200	ng	#	100
12) 2-Methylnaphthalene	12.015	142	3227	0.183	ng		96
16) Acenaphthylene	13.924	152	4520	0.175	ng		99
17) Acenaphthene	14.277	154	3233	0.198	ng		99
18) Fluorene	15.271	166	4116	0.188	ng		99
20) 4,6-Dinitro-2-methylph...	15.346	198	266	0.293	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	1434	0.186	ng		99
22) Hexachlorobenzene	16.276	284	1668	0.206	ng		100
23) Atrazine	16.449	200	1085	0.171	ng		93
24) Pentachlorophenol	16.611	266	654	0.231	ng		98
25) Phenanthrene	17.008	178	6950	0.189	ng		98
26) Anthracene	17.095	178	5950	0.167	ng		99
28) Fluoranthene	19.030	202	8441	0.182	ng		100
30) Pyrene	19.392	202	8840	0.195	ng		100
32) Benzo(a)anthracene	21.157	228	8163	0.182	ng		99
33) Chrysene	21.201	228	8497	0.196	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	3384	0.146	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.524	276	10976	0.185	ng		100
37) Benzo(b)fluoranthene	22.703	252	9460	0.188	ng	#	93
38) Benzo(k)fluoranthene	22.747	252	9352	0.191	ng	#	92
39) Benzo(a)pyrene	23.255	252	7833	0.175	ng	#	89
40) Dibenzo(a,h)anthracene	25.548	278	8570	0.183	ng		95
41) Benzo(g,h,i)perylene	26.179	276	10072	0.198	ng		96

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

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