Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081024\
Data File : BN033340.D
Acq On : 10 Aug 2024 17:17
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Aug 12 01:02:42 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	5294	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	15482	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	9410	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	21883	0.400	ng		0.00
29) Chrysene-d12	21.166	240	21930	0.400	ng		0.00
35) Perylene-d12	23.352	264	21624	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	67536	4.846	ng		0.00
5) Phenol-d6	6.749	99	95521	5.014	ng		0.00
8) Nitrobenzene-d5	8.704	82	58299	6.172	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	120490	4.995	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	25439	6.681	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	188343	5.313	ng		0.00
27) Fluoranthene-d10	19.002	212	306352	5.088	ng		0.00
31) Terphenyl-d14	19.620	244	201464	5.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	26458	4.514	ng		97
3) n-Nitrosodimethylamine	3.478	42	36608	4.913	ng	#	98
6) bis(2-Chloroethyl)ether	7.017	93	76831	4.716	ng		99
9) Naphthalene	10.391	128	210130	4.834	ng		99
10) Hexachlorobutadiene	10.690	225	38983	4.881	ng	#	100
12) 2-Methylnaphthalene	12.015	142	146021	4.875	ng		99
16) Acenaphthylene	13.924	152	230808	5.024	ng		100
17) Acenaphthene	14.276	154	153102	5.253	ng		97
18) Fluorene	15.271	166	202967	5.211	ng		100
20) 4,6-Dinitro-2-methylph...	15.346	198	16129	10.308	ng	#	48
21) 4-Bromophenyl-phenylether	16.164	248	66556	5.011	ng		100
22) Hexachlorobenzene	16.275	284	72539	5.200	ng		100
23) Atrazine	16.449	200	57382	5.230	ng		97
24) Pentachlorophenol	16.611	266	32803	6.708	ng		99
25) Phenanthrene	16.995	178	323082	5.101	ng		100
26) Anthracene	17.095	178	301302	4.892	ng		100
28) Fluoranthene	19.030	202	408882	5.120	ng		100
30) Pyrene	19.392	202	423934	4.914	ng		100
32) Benzo(a)anthracene	21.157	228	418605	4.916	ng		100
33) Chrysene	21.201	228	400877	4.861	ng		100
34) Bis(2-ethylhexyl)phtha...	21.130	149	212477	4.817	ng		99
36) Indeno(1,2,3-cd)pyrene	25.530	276	483330	5.110	ng		99
37) Benzo(b)fluoranthene	22.706	252	430535	5.358	ng		96
38) Benzo(k)fluoranthene	22.747	252	433718	5.556	ng		97
39) Benzo(a)pyrene	23.258	252	370069	5.182	ng		95
40) Dibenzo(a,h)anthracene	25.551	278	384486	5.146	ng		97
41) Benzo(g,h,i)perylene	26.185	276	411316	5.061	ng		98

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

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