Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033355.D
Acq On : 12 Aug 2024 17:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 12 18:03:24 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 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	3952	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11088	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6545	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	16332	0.400	ng	0.00
29) Chrysene-d12	21.166	240	12819	0.400	ng	# 0.00
35) Perylene-d12	23.352	264	12169	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	4142	0.379	ng	0.00
5) Phenol-d6	6.749	99	5620	0.381	ng	0.00
8) Nitrobenzene-d5	8.705	82	3281	0.392	ng	0.00
11) 2-Methylnaphthalene-d10	11.936	152	6569	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	1098	0.327	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	10870	0.405	ng	0.00
27) Fluoranthene-d10	18.998	212	15643	0.358	ng	0.00
31) Terphenyl-d14	19.620	244	9864	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	1819	0.414	ng	99
3) n-Nitrosodimethylamine	3.485	42	2435	0.431	ng	89
6) bis(2-Chloroethyl)ether	7.009	93	4644	0.389	ng	97
9) Naphthalene	10.381	128	12278	0.401	ng	99
10) Hexachlorobutadiene	10.690	225	2446	0.419	ng	# 100
12) 2-Methylnaphthalene	12.012	142	8006	0.388	ng	98
16) Acenaphthylene	13.924	152	11543	0.378	ng	100
17) Acenaphthene	14.277	154	8333	0.398	ng	99
18) Fluorene	15.260	166	11211	0.406	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	722	0.364	ng	# 74
21) 4-Bromophenyl-phenylether	16.164	248	3665	0.375	ng	89
22) Hexachlorobenzene	16.276	284	4327	0.395	ng	95
23) Atrazine	16.437	200	2555	0.330	ng	# 87
24) Pentachlorophenol	16.611	266	1652	0.373	ng	99
25) Phenanthrene	16.996	178	18471	0.392	ng	99
26) Anthracene	17.095	178	15428	0.369	ng	100
28) Fluoranthene	19.030	202	21472	0.370	ng	100
30) Pyrene	19.392	202	21608	0.423	ng	100
32) Benzo(a)anthracene	21.157	228	18120	0.378	ng	99
33) Chrysene	21.202	228	19730	0.409	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	7285	0.335	ng	99
36) Indeno(1,2,3-cd)pyrene	25.527	276	16826	0.335	ng	98
37) Benzo(b)fluoranthene	22.706	252	18493	0.404	ng	98
38) Benzo(k)fluoranthene	22.747	252	19128	0.409	ng	98
39) Benzo(a)pyrene	23.258	252	14034	0.364	ng	97
40) Dibenzo(a,h)anthracene	25.545	278	13253	0.334	ng	97
41) Benzo(g,h,i)perylene	26.182	276	15273	0.347	ng	97

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

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