Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032146.D
Acq On : 22 Jun 2024 00:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 22 01:35:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	10831	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	37881	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	24877	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	50189	0.400	ng	0.00
29) Chrysene-d12	21.220	240	28941	0.400	ng	# 0.00
35) Perylene-d12	23.446	264	26310	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	10125	0.329	ng	0.00
5) Phenol-d6	6.823	99	14323	0.355	ng	0.00
8) Nitrobenzene-d5	8.798	82	10651	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	23753	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	3876	0.325	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	37122	0.393	ng	-0.01
27) Fluoranthene-d10	19.068	212	44578	0.326	ng	0.00
31) Terphenyl-d14	19.667	244	33505	0.474	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	5491	0.414	ng	97
3) n-Nitrosodimethylamine	3.508	42	3871	0.307	ng	98
6) bis(2-Chloroethyl)ether	7.076	93	11379	0.327	ng	98
9) Naphthalene	10.464	128	39898	0.391	ng	99
10) Hexachlorobutadiene	10.741	225	7543	0.423	ng	# 99
12) 2-Methylnaphthalene	12.085	142	28570	0.410	ng	100
16) Acenaphthylene	13.996	152	40773	0.356	ng	100
17) Acenaphthene	14.338	154	28331	0.384	ng	99
18) Fluorene	15.333	166	36421	0.369	ng	100
20) 4,6-Dinitro-2-methylph...	15.440	198	1469	0.314	ng	# 81
21) 4-Bromophenyl-phenylether	16.222	248	12009	0.422	ng	# 88
22) Hexachlorobenzene	16.334	284	13259	0.449	ng	98
23) Atrazine	16.507	200	8362	0.321	ng	96
24) Pentachlorophenol	16.694	266	3971	0.382	ng	99
25) Phenanthrene	17.066	178	55401	0.398	ng	100
26) Anthracene	17.165	178	47546	0.368	ng	100
28) Fluoranthene	19.096	202	57980	0.343	ng	99
30) Pyrene	19.458	202	57041	0.496	ng	100
32) Benzo(a)anthracene	21.211	228	42960	0.394	ng	99
33) Chrysene	21.265	228	41938	0.407	ng	99
34) Bis(2-ethylhexyl)phtha...	21.139	149	33026	0.444	ng	99
36) Indeno(1,2,3-cd)pyrene	25.686	276	43011	0.438	ng	99
37) Benzo(b)fluoranthene	22.777	252	41224	0.430	ng	99
38) Benzo(k)fluoranthene	22.821	252	39679	0.438	ng	99
39) Benzo(a)pyrene	23.350	252	34305	0.415	ng	99
40) Dibenzo(a,h)anthracene	25.697	278	34369	0.444	ng	99
41) Benzo(g,h,i)perylene	26.373	276	36371	0.438	ng	100

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

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