Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081023\
Data File : BN026863.D
Acq On : 09 Aug 2023 09:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 09 17:55:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 17:55:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	6981	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	20277	0.400	ng		0.00
13) Acenaphthene-d10	14.736	164	14311	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	34260	0.400	ng		# 0.00
29) Chrysene-d12	21.667	240	32829	0.400	ng		# 0.00
35) Perylene-d12	24.232	264	39785	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.617	112	7325	0.414	ng		0.00
5) Phenol-d6	7.235	99	9071	0.396	ng		0.00
8) Nitrobenzene-d5	9.294	82	5953	0.496	ng		0.00
11) 2-Methylnaphthalene-d10	12.513	152	12035	0.414	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	3149	0.646	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	19639	0.336	ng		0.00
27) Fluoranthene-d10	19.509	212	35130	0.427	ng		0.00
31) Terphenyl-d14	20.094	244	26016	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	2650	0.325	ng		97
3) n-Nitrosodimethylamine	3.819	42	3104	0.341	ng	#	84
6) bis(2-Chloroethyl)ether	7.539	93	7799	0.378	ng		98
9) Naphthalene	10.991	128	20251	0.363	ng	#	90
10) Hexachlorobutadiene	11.226	225	3984	0.394	ng	#	100
12) 2-Methylnaphthalene	12.585	142	15667	0.412	ng		98
16) Acenaphthylene	14.469	152	26768	0.378	ng		100
17) Acenaphthene	14.801	154	16129	0.363	ng		97
18) Fluorene	15.779	166	22401	0.388	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	199	0.359	ng	#	1
21) 4-Bromophenyl-phenylether	16.673	248	7654	0.370	ng	#	92
22) Hexachlorobenzene	16.760	284	7509	0.317	ng		98
23) Atrazine	16.934	200	7457	0.545	ng		96
24) Pentachlorophenol	17.107	266	4694	0.772	ng		98
25) Phenanthrene	17.529	178	38136	0.367	ng		99
26) Anthracene	17.616	178	37002	0.398	ng		99
28) Fluoranthene	19.537	202	46030	0.397	ng		99
30) Pyrene	19.904	202	48737	0.344	ng		99
32) Benzo(a)anthracene	21.649	228	48508	0.430	ng		95
33) Chrysene	21.712	228	45839	0.368	ng		97
34) Bis(2-ethylhexyl)phtha...	21.542	149	44471	1.191	ng	#	94
36) Indeno(1,2,3-cd)pyrene	26.939	276	61869	0.381	ng		98
37) Benzo(b)fluoranthene	23.437	252	48615	0.311	ng	#	86
38) Benzo(k)fluoranthene	23.490	252	48902	0.304	ng	#	86
39) Benzo(a)pyrene	24.121	252	48926	0.343	ng	#	85
40) Dibenzo(a,h)anthracene	26.969	278	50017	0.397	ng	#	92
41) Benzo(g,h,i)perylene	27.790	276	53428	0.358	ng		93

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

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