Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022872.D
Acq On : 25 Nov 2022 23:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 25 23:55:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:56:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	8393	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	23023	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	13031	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	28417	0.400	ng		0.00
29) Chrysene-d12	21.634	240	19616	0.400	ng	#	0.00
35) Perylene-d12	24.129	264	14939	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8798	0.403	ng		0.00
5) Phenol-d6	7.212	99	11252	0.405	ng		0.00
8) Nitrobenzene-d5	9.228	82	7227	0.404	ng		-0.01
11) 2-Methylnaphthalene-d10	12.477	152	19773	0.396	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	2320	0.369	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	25602	0.429	ng		0.00
27) Fluoranthene-d10	19.481	212	30765	0.399	ng		0.00
31) Terphenyl-d14	20.076	244	19704	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4270	0.401	ng		98
3) n-Nitrosodimethylamine	3.774	42	4187	0.365	ng	#	100
6) bis(2-Chloroethyl)ether	7.486	93	10942	0.419	ng		99
9) Naphthalene	10.936	128	29100	0.410	ng		100
10) Hexachlorobutadiene	11.235	225	6045	0.415	ng	#	100
12) 2-Methylnaphthalene	12.159	142	5358	0.370	ng		99
16) Acenaphthylene	14.431	152	27334	0.396	ng		100
17) Acenaphthene	14.773	154	19001	0.419	ng		99
18) Fluorene	15.751	166	23862	0.410	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	1130	0.356	ng	#	77
21) 4-Bromophenyl-phenylether	16.645	248	8417	0.410	ng	#	88
22) Hexachlorobenzene	16.757	284	10663	0.426	ng		99
23) Atrazine	16.906	200	5331	0.369	ng		95
24) Pentachlorophenol	17.092	266	2258	0.329	ng		98
25) Phenanthrene	17.489	178	41042	0.415	ng		100
26) Anthracene	17.588	178	34156	0.398	ng		100
28) Fluoranthene	19.511	202	42661	0.406	ng		100
30) Pyrene	19.874	202	43276	0.424	ng		99
32) Benzo(a)anthracene	21.616	228	32213	0.406	ng		98
33) Chrysene	21.670	228	35339	0.430	ng		98
34) Bis(2-ethylhexyl)phtha...	21.554	149	11612	0.365	ng		99
36) Indeno(1,2,3-cd)pyrene	26.743	276	24103	0.389	ng		100
37) Benzo(b)fluoranthene	23.363	252	26450	0.397	ng		99
38) Benzo(k)fluoranthene	23.416	252	30828	0.427	ng		99
39) Benzo(a)pyrene	24.018	252	20109	0.395	ng		100
40) Dibenzo(a,h)anthracene	26.767	278	19471	0.396	ng		100
41) Benzo(g,h,i)perylene	27.544	276	20836	0.393	ng		99

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

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