Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022867.D
Acq On : 25 Nov 2022 19:09
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN112522

Quant Time: Nov 25 22:57:23 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	7931	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	21692	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	12242	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	26932	0.400	ng		0.00
29) Chrysene-d12	21.638	240	20276	0.400	ng	#	0.00
35) Perylene-d12	24.134	264	16628	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8384	0.407	ng		0.00
5) Phenol-d6	7.212	99	10801	0.411	ng		0.00
8) Nitrobenzene-d5	9.228	82	7120	0.423	ng		-0.01
11) 2-Methylnaphthalene-d10	12.477	152	18655	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	2120	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	24870	0.444	ng		0.00
27) Fluoranthene-d10	19.481	212	30003	0.410	ng		0.00
31) Terphenyl-d14	20.080	244	19361	0.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4009	0.398	ng		99
3) n-Nitrosodimethylamine	3.774	42	4118	0.380	ng	#	97
6) bis(2-Chloroethyl)ether	7.486	93	10438	0.423	ng		99
9) Naphthalene	10.947	128	27671	0.414	ng		99
10) Hexachlorobutadiene	11.235	225	5741	0.419	ng	#	99
12) 2-Methylnaphthalene	12.159	142	4914	0.360	ng		99
16) Acenaphthylene	14.431	152	25698	0.396	ng		99
17) Acenaphthene	14.773	154	17727	0.416	ng		100
18) Fluorene	15.751	166	22615	0.414	ng		97
20) 4,6-Dinitro-2-methylph...	15.813	198	1036	0.344	ng		93
21) 4-Bromophenyl-phenylether	16.645	248	7963	0.410	ng		95
22) Hexachlorobenzene	16.757	284	10072	0.424	ng		99
23) Atrazine	16.906	200	5094	0.372	ng		98
24) Pentachlorophenol	17.104	266	2034	0.313	ng		98
25) Phenanthrene	17.501	178	39055	0.417	ng		100
26) Anthracene	17.588	178	32177	0.396	ng		100
28) Fluoranthene	19.511	202	41393	0.416	ng		100
30) Pyrene	19.873	202	43043	0.408	ng		98
32) Benzo(a)anthracene	21.620	228	32851	0.401	ng		99
33) Chrysene	21.674	228	36127	0.425	ng		98
34) Bis(2-ethylhexyl)phtha...	21.558	149	11648	0.354	ng		99
36) Indeno(1,2,3-cd)pyrene	26.753	276	26365	0.382	ng		100
37) Benzo(b)fluoranthene	23.370	252	28393	0.383	ng		99
38) Benzo(k)fluoranthene	23.423	252	32925	0.410	ng		99
39) Benzo(a)pyrene	24.020	252	21151	0.373	ng		99
40) Dibenzo(a,h)anthracene	26.777	278	21495	0.392	ng		100
41) Benzo(g,h,i)perylene	27.554	276	22940	0.389	ng		99

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

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