Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028490.D
Acq On : 07 Nov 2023 13:48
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 07 16:51:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 15:43:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	7766	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	24088	0.400	ng		0.00
13) Acenaphthene-d10	14.364	164	15640	0.400	ng		0.00
19) Phenanthrene-d10	17.109	188	36056	0.400	ng		0.00
29) Chrysene-d12	21.329	240	30612	0.400	ng		0.00
35) Perylene-d12	23.643	264	31117	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	38074	1.640	ng		0.00
5) Phenol-d6	6.887	99	48694	1.632	ng		0.00
8) Nitrobenzene-d5	8.864	82	35123	1.633	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	72836	1.743	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	14506	1.655	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	114906	1.671	ng		0.00
27) Fluoranthene-d10	19.153	212	188523	1.712	ng		0.00
31) Terphenyl-d14	19.766	244	135252	1.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	15529	1.651	ng		96
3) n-Nitrosodimethylamine	3.507	42	18275	1.702	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	41446	1.677	ng		100
9) Naphthalene	10.551	128	125587	1.670	ng		99
10) Hexachlorobutadiene	10.850	225	22455	1.680	ng	#	98
12) 2-Methylnaphthalene	12.178	142	87875	1.705	ng		98
16) Acenaphthylene	14.075	152	141908	1.725	ng		100
17) Acenaphthene	14.417	154	92565	1.688	ng		98
18) Fluorene	15.412	166	131282	1.694	ng		99
20) 4,6-Dinitro-2-methylph...	15.497	198	11491	1.518	ng	#	67
21) 4-Bromophenyl-phenylether	16.315	248	40879	1.698	ng		97
22) Hexachlorobenzene	16.414	284	42944	1.704	ng		98
23) Atrazine	16.588	200	37342	1.758	ng		97
24) Pentachlorophenol	16.762	266	19283	1.786	ng		99
25) Phenanthrene	17.146	178	200735	1.679	ng		100
26) Anthracene	17.246	178	187216	1.709	ng		100
28) Fluoranthene	19.185	202	242714	1.693	ng		100
30) Pyrene	19.548	202	245725	1.685	ng		100
32) Benzo(a)anthracene	21.311	228	219855	1.718	ng		100
33) Chrysene	21.365	228	219030	1.714	ng		99
34) Bis(2-ethylhexyl)phtha...	21.266	149	134845	1.703	ng		99
36) Indeno(1,2,3-cd)pyrene	26.020	276	217055	1.729	ng		100
37) Benzo(b)fluoranthene	22.942	252	218086	1.701	ng		96
38) Benzo(k)fluoranthene	22.988	252	213253	1.704	ng	#	95
39) Benzo(a)pyrene	23.541	252	187939	1.715	ng	#	94
40) Dibenzo(a,h)anthracene	26.044	278	169631	1.734	ng		92
41) Benzo(g,h,i)perylene	26.745	276	185992	1.716	ng		100

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

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