Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017345.D
Acq On : 09 Nov 2021 12:15
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 09 12:44:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	27085	0.400	ng		0.00
7) Naphthalene-d8	10.319	136	114085	0.400	ng		0.00
13) Acenaphthene-d10	14.181	164	65601	0.400	ng		0.00
19) Phenanthrene-d10	16.934	188	122554	0.400	ng		0.00
29) Chrysene-d12	21.144	240	125297	0.400	ng		0.00
35) Perylene-d12	23.335	264	115251	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.164	112	107177	1.633	ng		0.00
5) Phenol-d6	6.740	99	120946	1.692	ng		0.00
8) Nitrobenzene-d5	8.697	82	129651	1.851	ng		0.01
11) 2-Methylnaphthalene-d10	11.911	152	291929	1.813	ng		0.00
14) 2,4,6-Tribromophenol	15.679	330	44189	1.938	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	416067	1.688	ng		0.00
27) Fluoranthene-d10	18.975	212	547016	1.755	ng		0.00
31) Terphenyl-d14	19.591	244	459259	1.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.144	88	25769	1.337	ng		95
3) n-Nitrosodimethylamine	3.467	42	41116	1.613	ng		100
6) bis(2-Chloroethyl)ether	6.989	93	121883	1.653	ng		98
9) Naphthalene	10.357	128	492740	1.604	ng		100
10) Hexachlorobutadiene	10.649	225	101684	1.817	ng	#	100
12) 2-Methylnaphthalene	11.986	142	339231	1.793	ng		99
16) Acenaphthylene	13.902	152	489179	1.816	ng		100
17) Acenaphthene	14.245	154	306394	1.698	ng		98
18) Fluorene	15.234	166	379278	1.774	ng		100
20) 4,6-Dinitro-2-methylph...	15.336	198	22911	1.772	ng	#	90
21) 4-Bromophenyl-phenylether	16.143	248	120014	1.746	ng	#	60
22) Hexachlorobenzene	16.240	284	127997	1.735	ng		100
23) Atrazine	16.423	200	88477	1.901	ng		100
24) Pentachlorophenol	16.593	266	49383	2.127	ng		99
25) Phenanthrene	16.970	178	582508	1.696	ng		100
26) Anthracene	17.068	178	525033	1.775	ng		100
28) Fluoranthene	19.005	202	657914	1.748	ng		100
30) Pyrene	19.367	202	667985	1.667	ng		100
32) Benzo(a)anthracene	21.123	228	672469	1.728	ng		100
33) Chrysene	21.176	228	657542	1.656	ng		99
34) Bis(2-ethylhexyl)phtha...	21.080	149	290413	1.549	ng		99
36) Indeno(1,2,3-cd)pyrene	25.543	276	681240	1.676	ng		100
37) Benzo(b)fluoranthene	22.678	252	652586	1.760	ng		100
38) Benzo(k)fluoranthene	22.719	252	641582	1.743	ng		100
39) Benzo(a)pyrene	23.236	252	587176	1.754	ng		99
40) Dibenzo(a,h)anthracene	25.564	278	554731	1.691	ng		100
41) Benzo(g,h,i)perylene	26.217	276	581108	1.629	ng		99

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

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