Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018364.D
Acq On : 07 Jan 2022 11:38
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 07 13:18:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 13:11:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31161	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	140854	0.400	ng	0.00
13) Acenaphthene-d10	14.256	164	69129	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	116094	0.400	ng	# 0.00
29) Chrysene-d12	21.185	240	104770	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	99897	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	67470	1.081	ng	0.00
5) Phenol-d6	6.812	99	68536	1.135	ng	0.00
8) Nitrobenzene-d5	8.771	82	72986	0.872	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	195521	0.825	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	21668	0.934	ng	0.00
15) 2-Fluorobiphenyl	12.885	172	224842	0.859	ng	0.00
27) Fluoranthene-d10	19.033	212	298129	0.807	ng	0.00
31) Terphenyl-d14	19.638	244	197566	0.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	14842	0.835	ng	# 56
3) n-Nitrosodimethylamine	3.493	42	25306	0.989	ng	93
6) bis(2-Chloroethyl)ether	7.061	93	75729	1.021	ng	100
9) Naphthalene	10.444	128	312465	0.897	ng	99
10) Hexachlorobutadiene	10.748	225	57742	0.595	ng	# 100
12) 2-Methylnaphthalene	12.069	142	196582	0.881	ng	99
16) Acenaphthylene	13.964	152	249640	1.027	ng	100
17) Acenaphthene	14.319	154	169517	0.949	ng	100
18) Fluorene	15.296	166	195827	0.931	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	5183	2.361	ng	# 85
21) 4-Bromophenyl-phenylether	16.190	248	58421	0.828	ng	# 79
22) Hexachlorobenzene	16.311	284	74829	0.833	ng	# 90
23) Atrazine	16.470	200	36144	0.853	ng	93
24) Pentachlorophenol	16.664	266	14345	1.148	ng	100
25) Phenanthrene	17.029	178	291410	0.952	ng	100
26) Anthracene	17.127	178	246248	1.021	ng	100
28) Fluoranthene	19.058	202	320883	0.895	ng	# 95
30) Pyrene	19.420	202	323560	0.788	ng	100
32) Benzo(a)anthracene	21.174	228	277606	0.989	ng	99
33) Chrysene	21.216	228	307066	0.910	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	135623	1.037	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.668	276	293563	1.231	ng	# 91
37) Benzo(b)fluoranthene	22.741	252	291546	0.918	ng	# 97
38) Benzo(k)fluoranthene	22.782	252	291271	0.969	ng	# 96
39) Benzo(a)pyrene	23.313	252	262528	0.951	ng	# 96
40) Dibenzo(a,h)anthracene	25.682	278	221164	1.300	ng	# 95
41) Benzo(g,h,i)perylene	26.356	276	258399	1.086	ng	# 92

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

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