Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072022\
Data File : BN020805.D
Acq On : 20 Jul 2022 15:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 20 16:08:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2496	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	8317	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	5273	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	11828	0.400	ng		0.01
29) Chrysene-d12	21.431	240	10330	0.400	ng		0.00
35) Perylene-d12	23.787	264	6752	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2067	0.298	ng		0.00
5) Phenol-d6	7.017	99	2282	0.276	ng		0.00
8) Nitrobenzene-d5	8.993	82	2161	0.321	ng		0.02
11) 2-Methylnaphthalene-d10	12.219	152	5370	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	606	0.305	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	6340	0.291	ng		0.00
27) Fluoranthene-d10	19.261	212	12777	0.364	ng		0.00
31) Terphenyl-d14	19.868	244	8889	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1074	0.328	ng		96
3) n-Nitrosodimethylamine	3.608	42	969	0.325	ng		95
6) bis(2-Chloroethyl)ether	7.255	93	2136	0.300	ng		96
9) Naphthalene	10.669	128	9491	0.382	ng		99
10) Hexachlorobutadiene	10.957	225	1639	0.362	ng	#	99
12) 2-Methylnaphthalene	12.295	142	6243	0.378	ng		99
16) Acenaphthylene	14.185	152	8533	0.337	ng		99
17) Acenaphthene	14.527	154	6388	0.370	ng		95
18) Fluorene	15.521	166	8326	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	411	0.403	ng	#	55
21) 4-Bromophenyl-phenylether	16.415	248	2486	0.361	ng		94
22) Hexachlorobenzene	16.538	284	2806	0.369	ng		97
23) Atrazine	16.692	200	1555	0.287	ng		97
24) Pentachlorophenol	16.887	266	653	0.451	ng		100
25) Phenanthrene	17.266	178	14065	0.353	ng		100
26) Anthracene	17.359	178	11228	0.327	ng		100
28) Fluoranthene	19.295	202	16327	0.375	ng		99
30) Pyrene	19.657	202	16648	0.381	ng		100
32) Benzo(a)anthracene	21.422	228	12146	0.329	ng		99
33) Chrysene	21.467	228	15536	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.351	149	6304	0.303	ng		98
36) Indeno(1,2,3-cd)pyrene	26.220	276	10139	0.337	ng		98
37) Benzo(b)fluoranthene	23.074	252	12237	0.470	ng		96
38) Benzo(k)fluoranthene	23.121	252	12505	0.452	ng		96
39) Benzo(a)pyrene	23.685	252	8003	0.355	ng	#	90
40) Dibenzo(a,h)anthracene	26.240	278	7807	0.324	ng		96
41) Benzo(g,h,i)perylene	26.963	276	8912	0.338	ng		98

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

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