Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080621\
Data File : BN015817.D
Acq On : 06 Aug 2021 20:43
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 07 04:13:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 04:10:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	9548	0.400	ng		0.00
7) Naphthalene-d8	10.736	136	51014	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	27567	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	51882	0.400	ng		0.00
29) Chrysene-d12	21.504	240	48567	0.400	ng		0.00
35) Perylene-d12	23.929	264	49640	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	43986	1.884	ng		0.00
5) Phenol-d6	7.080	99	60294	2.137	ng		0.00
8) Nitrobenzene-d5	9.076	82	60458	1.844	ng		-0.01
11) 2-Methylnaphthalene-d10	12.318	152	127299	1.662	ng		0.00
14) 2,4,6-Tribromophenol	16.056	330	23488	2.350	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	159550	1.452	ng		0.00
27) Fluoranthene-d10	19.346	212	239359	1.773	ng		0.00
31) Terphenyl-d14	19.942	244	237585	1.977	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	6464	2.091	ng		96
3) n-Nitrosodimethylamine	3.751	42	15990	2.514	ng	#	94
6) bis(2-Chloroethyl)ether	7.357	93	44629	1.742	ng		99
9) Naphthalene	10.787	128	215119	1.610	ng		99
10) Hexachlorobutadiene	11.078	225	39353	1.686	ng	#	100
12) 2-Methylnaphthalene	12.394	142	143159	1.663	ng		100
16) Acenaphthylene	14.281	152	206503	1.818	ng		100
17) Acenaphthene	14.624	154	130434	1.645	ng		99
18) Fluorene	15.614	166	158570	1.670	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	8710	2.770	ng	#	80
21) 4-Bromophenyl-phenylether	16.506	248	44648	1.464	ng		99
22) Hexachlorobenzene	16.616	284	55012	1.570	ng		99
23) Atrazine	16.762	200	46107	2.459	ng		99
24) Pentachlorophenol	16.957	266	22106	2.040	ng		99
25) Phenanthrene	17.346	178	238564	1.546	ng		100
26) Anthracene	17.444	178	233122	1.797	ng		100
28) Fluoranthene	19.371	202	268142	1.669	ng		100
30) Pyrene	19.733	202	273609	1.688	ng		100
32) Benzo(a)anthracene	21.482	228	267483	1.802	ng		99
33) Chrysene	21.535	228	247971	1.545	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	191686	3.222	ng		99
36) Indeno(1,2,3-cd)pyrene	26.456	276	308577	1.755	ng	#	74
37) Benzo(b)fluoranthene	23.190	252	278592	1.616	ng		97
38) Benzo(k)fluoranthene	23.238	252	265316	1.486	ng		97
39) Benzo(a)pyrene	23.823	252	248294	1.733	ng		96
40) Dibenzo(a,h)anthracene	26.479	278	253588	1.722	ng		96
41) Benzo(g,h,i)perylene	27.229	276	264334	1.720	ng		99

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

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