Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043021\
Data File : BN014503.D
Acq On : 30 Apr 2021 15:19
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Apr 30 15:49:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 15:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	8784	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	30830	0.40	ng		0.00
13) Acenaphthene-d10	14.270	164	16046	0.40	ng		0.00
19) Phenanthrene-d10	17.019	188	31040	0.40	ng		0.00
29) Chrysene-d12	21.218	240	27428	0.40	ng		0.00
35) Perylene-d12	23.414	264	21815	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	13275	0.85	ng		0.00
5) Phenol-d6	6.798	99	15423	0.80	ng		0.00
8) Nitrobenzene-d5	8.769	82	13742	0.87	ng		0.00
11) 2-Methylnaphthalene-d10	12.000	152	50606	0.80	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	3732	0.91	ng		0.00
15) 2-Fluorobiphenyl	12.887	172	50095	0.80	ng		0.00
27) Fluoranthene-d10	19.054	212	85426	0.79	ng		0.00
31) Terphenyl-d14	19.660	244	50094	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	7747	0.79	ng	#	85
3) n-Nitrosodimethylamine	3.529	42	3525	0.80	ng	#	57
6) bis(2-Chloroethyl)ether	7.064	93	16869	0.79	ng		98
9) Naphthalene	10.454	128	64914	0.80	ng		99
10) Hexachlorobutadiene	10.746	225	12782	0.82	ng	#	99
12) 2-Methylnaphthalene	12.071	142	42320	0.81	ng		98
16) Acenaphthylene	13.978	152	46053	0.77	ng		100
17) Acenaphthene	14.334	154	35511	0.78	ng		100
18) Fluorene	15.323	166	44129	0.79	ng		99
20) 4,6-Dinitro-2-methylph...	15.412	198	1573	0.62	ng	#	1
21) 4-Bromophenyl-phenylether	16.216	248	13490	0.81	ng		98
22) Hexachlorobenzene	16.325	284	17628	0.77	ng		100
23) Atrazine	16.483	200	7169	0.92	ng		98
24) Pentachlorophenol	16.678	266	2932	0.79	ng	#	41
25) Phenanthrene	17.055	178	70372	0.78	ng		99
26) Anthracene	17.141	178	52920	0.77	ng		100
28) Fluoranthene	19.084	202	76055	0.78	ng		100
30) Pyrene	19.447	202	73123	0.80	ng		100
32) Benzo(a)anthracene	21.197	228	61340	0.83	ng		100
33) Chrysene	21.250	228	70467	0.76	ng		99
34) Bis(2-ethylhexyl)phtha...	21.144	149	19836	0.99	ng		98
36) Indeno(1,2,3-cd)pyrene	25.615	276	64556	0.73	ng		100
37) Benzo(b)fluoranthene	22.757	252	62517	0.75	ng		97
38) Benzo(k)fluoranthene	22.798	252	75585	0.83	ng		96
39) Benzo(a)pyrene	23.318	252	55882	0.78	ng		93
40) Dibenzo(a,h)anthracene	25.632	278	53783	0.72	ng		98
41) Benzo(g,h,i)perylene	26.286	276	64193	0.78	ng		99

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

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