Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
Data File : BN011515.D
Acq On : 19 Aug 2020 13:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 19 15:46:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 19 13:20:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1052	0.40	ng		0.00
7) Naphthalene-d8	10.17	136	3580	0.40	ng		0.00
13) Acenaphthene-d10	14.06	164	2221	0.40	ng		0.00
19) Phenanthrene-d10	16.82	188	4753	0.40	ng		0.00
29) Chrysene-d12	21.04	240	5891	0.40	ng		-0.01
36) Perylene-d12	23.15	264	4925	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.10	112	4031	1.46	ng		0.00
5) Phenol-d6	6.64	99	5065	1.51	ng		-0.02
8) Nitrobenzene-d5	8.56	82	5039	1.58	ng		-0.03
11) 2-Methylnaphthalene-d10	11.77	152	10742	1.64	ng		0.00
14) 2,4,6-Tribromophenol	15.57	330	1648	1.61	ng		0.00
15) 2-Fluorobiphenyl	12.67	172	16316	1.70	ng		-0.01
27) Fluoranthene-d10	18.86	212	24680	1.70	ng		0.00
31) Terphenyl-d14	19.48	244	21236	1.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	2211	1.493	ng		93
3) n-Nitrosodimethylamine	3.47	42	995	1.311	ng	#	94
6) bis(2-Chloroethyl)ether	6.89	93	4344	1.553	ng	#	90
9) Naphthalene	10.22	128	17235	1.623	ng		95
10) Hexachlorobutadiene	10.52	225	4415	1.717	ng	#	98
12) 2-Methylnaphthalene	11.85	142	12228	1.624	ng		98
16) Acenaphthylene	13.77	152	18502	1.618	ng		99
17) Acenaphthene	14.12	154	11838	1.587	ng		99
18) Fluorene	15.12	166	15637	1.634	ng		97
20) 4,6-Dinitro-2-methylphenol	15.23	198	1066	1.621	ng	#	38
21) 4-Bromophenyl-phenylether	16.02	248	5264	1.670	ng	#	86
22) Hexachlorobenzene	16.13	284	5730	1.604	ng		98
23) Atrazine	16.31	200	3903	1.591	ng		94
24) Pentachlorophenol	16.48	266	1810	1.632	ng		96
25) Phenanthrene	16.86	178	25374	1.640	ng		99
26) Anthracene	16.96	178	21788	1.695	ng		99
28) Fluoranthene	18.89	202	30291	1.722	ng		99
30) Pyrene	19.26	202	30095	1.133	ng		99
32) Benzo(a)anthracene	21.02	228	28358	1.436	ng		98
33) Chrysene	21.08	228	32117	1.450	ng		98
34) Bis(2-ethylhexyl)phthalate	20.98	149	9436	0.891	ng		99
35) Indeno(1,2,3-cd)pyrene	25.20	276	38470	1.778	ng		99
37) Benzo(b)fluoranthene	22.53	252	32474	1.654	ng	#	90
38) Benzo(k)fluoranthene	22.57	252	33604	1.554	ng	#	89
39) Benzo(a)pyrene	23.06	252	28296	1.660	ng	#	86
40) Dibenzo(a,h)anthracene	25.21	278	31558	1.790	ng		92
41) Benzo(g,h,i)perylene	25.81	276	32106	1.642	ng		97

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

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