Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013143.D
Acq On : 15 Dec 2020 13:37
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Dec 15 14:14:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 13:20:48 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.346	152	769	0.40	ng		0.00
7) Naphthalene-d8	10.112	136	2656	0.40	ng		0.00
13) Acenaphthene-d10	14.016	164	1624	0.40	ng		0.00
19) Phenanthrene-d10	16.775	188	3328	0.40	ng	#	0.00
29) Chrysene-d12	21.003	240	3464	0.40	ng	#	0.00
36) Perylene-d12	23.103	264	3907	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	4985	1.80	ng		0.00
5) Phenol-d6	6.549	99	5439	1.72	ng		0.00
8) Nitrobenzene-d5	8.502	82	4913	1.74	ng		-0.01
11) 2-Methylnaphthalene-d10	11.711	152	7802	1.63	ng		-0.01
14) 2,4,6-Tribromophenol	15.526	330	1652	1.55	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	11220	1.57	ng		-0.01
27) Fluoranthene-d10	18.823	212	18173	1.63	ng		0.00
31) Terphenyl-d14	19.444	244	14767	1.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	2231	1.22	ng		92
3) n-Nitrosodimethylamine	3.263	42	3808	1.89	ng	#	81
6) bis(2-Chloroethyl)ether	6.798	93	3606	1.69	ng		96
9) Naphthalene	10.150	128	13234	1.63	ng		98
10) Hexachlorobutadiene	10.429	225	2745	1.56	ng	#	99
12) 2-Methylnaphthalene	11.791	142	8932	1.60	ng		98
16) Acenaphthylene	13.724	152	13851	1.60	ng		100
17) Acenaphthene	14.067	154	8782	1.61	ng		92
18) Fluorene	15.069	166	11444	1.57	ng		99
20) 4,6-Dinitro-2-methylph...	15.209	198	1170	1.86	ng	#	91
21) 4-Bromophenyl-phenylether	16.008	248	388	0.50	ng		94
22) Hexachlorobenzene	16.081	284	3758	1.54	ng		94
23) Atrazine	16.264	200	3287	1.66	ng		98
24) Pentachlorophenol	16.446	266	1595	1.56	ng		98
25) Phenanthrene	16.811	178	17978	1.64	ng		99
26) Anthracene	16.909	178	16385	1.69	ng		99
28) Fluoranthene	18.853	202	21834	1.62	ng	#	99
30) Pyrene	19.220	202	21959	1.69	ng		100
32) Benzo(a)anthracene	20.992	228	21290	1.68	ng		98
33) Chrysene	21.045	228	21471	1.63	ng		99
34) Bis(2-ethylhexyl)phtha...	20.939	149	11530	1.49	ng		97
35) Indeno(1,2,3-cd)pyrene	25.140	276	30001	1.71	ng		98
37) Benzo(b)fluoranthene	22.483	252	23579	1.59	ng		97
38) Benzo(k)fluoranthene	22.525	252	25590	1.63	ng		98
39) Benzo(a)pyrene	23.011	252	22892	1.62	ng		96
40) Dibenzo(a,h)anthracene	25.153	278	25170	1.63	ng		96
41) Benzo(g,h,i)perylene	25.763	276	26304	1.61	ng		98

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

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