Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113020\
Data File : BN012764.D
Acq On : 30 Nov 2020 13:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 30 13:40:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 15:36:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.418	152	976	0.40	ng		0.00
7) Naphthalene-d8	10.188	136	3966	0.40	ng		0.00
13) Acenaphthene-d10	14.080	164	2463	0.40	ng		0.00
19) Phenanthrene-d10	16.836	188	5366	0.40	ng	#	0.00
29) Chrysene-d12	21.056	240	5299	0.40	ng	#	0.00
36) Perylene-d12	23.175	264	5535	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.026	112	1169	0.34	ng		-0.01
5) Phenol-d6	6.605	99	1435	0.36	ng		-0.01
8) Nitrobenzene-d5	8.578	82	1358	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	11.791	152	2544	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	458	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.697	172	3568	0.37	ng		0.00
27) Fluoranthene-d10	18.883	212	5673	0.34	ng		0.00
31) Terphenyl-d14	19.498	244	4150	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.997	88	667	0.44	ng		92
3) n-Nitrosodimethylamine	3.327	42	809	0.19	ng	#	87
6) bis(2-Chloroethyl)ether	6.863	93	1010	0.37	ng		95
9) Naphthalene	10.226	128	4182	0.38	ng		99
10) Hexachlorobutadiene	10.518	225	871	0.36	ng	#	100
12) 2-Methylnaphthalene	11.862	142	2800	0.39	ng		98
16) Acenaphthylene	13.788	152	4001	0.32	ng		99
17) Acenaphthene	14.143	154	2700	0.34	ng		91
18) Fluorene	15.133	166	3615	0.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.247	198	268	0.21	ng	#	9
21) 4-Bromophenyl-phenylether	16.045	248	861	0.28	ng	#	87
22) Hexachlorobenzene	16.142	284	1365	0.34	ng		93
23) Atrazine	16.325	200	952	0.30	ng		97
24) Pentachlorophenol	16.495	266	552	0.29	ng		98
25) Phenanthrene	16.872	178	5834	0.37	ng		99
26) Anthracene	16.970	178	4677	0.32	ng		99
28) Fluoranthene	18.912	202	6540	0.35	ng	#	98
30) Pyrene	19.280	202	6522	0.37	ng		99
32) Benzo(a)anthracene	21.045	228	5814	0.34	ng		97
33) Chrysene	21.098	228	7059	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	20.992	149	2978	0.26	ng		98
35) Indeno(1,2,3-cd)pyrene	25.249	276	8219	0.31	ng		98
37) Benzo(b)fluoranthene	22.548	252	6807	0.39	ng	#	92
38) Benzo(k)fluoranthene	22.590	252	7573	0.40	ng	#	90
39) Benzo(a)pyrene	23.082	252	6208	0.36	ng	#	86
40) Dibenzo(a,h)anthracene	25.263	278	6613	0.34	ng	#	93
41) Benzo(g,h,i)perylene	25.879	276	6943	0.34	ng	#	94

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

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