Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112820\
Data File : BN012759.D
Acq On : 27 Nov 2020 19:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 27 23:23:02 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	7.426	152	1011	0.40	ng		0.00
7) Naphthalene-d8	10.188	136	4197	0.40	ng		0.00
13) Acenaphthene-d10	14.080	164	2556	0.40	ng		0.00
19) Phenanthrene-d10	16.836	188	5324	0.40	ng	#	0.00
29) Chrysene-d12	21.059	240	5845	0.40	ng	#	0.00
36) Perylene-d12	23.167	264	6049	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.043	112	1222	0.35	ng		0.00
5) Phenol-d6	6.613	99	1550	0.37	ng		0.00
8) Nitrobenzene-d5	8.578	82	1387	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	11.795	152	2740	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	476	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.697	172	3728	0.37	ng		0.00
27) Fluoranthene-d10	18.880	212	6152	0.37	ng		0.00
31) Terphenyl-d14	19.496	244	4544	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.005	88	807	0.51	ng	#	81
3) n-Nitrosodimethylamine	3.335	42	712	0.16	ng	#	68
6) bis(2-Chloroethyl)ether	6.871	93	1018	0.36	ng		94
9) Naphthalene	10.239	128	4499	0.38	ng		99
10) Hexachlorobutadiene	10.517	225	958	0.37	ng	#	99
12) 2-Methylnaphthalene	11.871	142	2979	0.39	ng		98
16) Acenaphthylene	13.800	152	4308	0.34	ng		99
17) Acenaphthene	14.143	154	2937	0.36	ng		91
18) Fluorene	15.145	166	3762	0.36	ng		100
20) 4,6-Dinitro-2-methylph...	15.260	198	293	0.23	ng	#	29
21) 4-Bromophenyl-phenylether	16.045	248	957	0.31	ng		92
22) Hexachlorobenzene	16.142	284	1425	0.36	ng		96
23) Atrazine	16.325	200	1004	0.31	ng		94
24) Pentachlorophenol	16.495	266	578	0.31	ng		99
25) Phenanthrene	16.873	178	6072	0.39	ng		99
26) Anthracene	16.970	178	4899	0.34	ng		99
28) Fluoranthene	18.910	202	7175	0.38	ng	#	98
30) Pyrene	19.278	202	7308	0.37	ng		100
32) Benzo(a)anthracene	21.037	228	6731	0.36	ng		99
33) Chrysene	21.091	228	7566	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	20.984	149	3526	0.28	ng		98
35) Indeno(1,2,3-cd)pyrene	25.242	276	9474	0.32	ng		98
37) Benzo(b)fluoranthene	22.541	252	7696	0.40	ng	#	91
38) Benzo(k)fluoranthene	22.585	252	8417	0.41	ng	#	91
39) Benzo(a)pyrene	23.075	252	7416	0.39	ng	#	77
40) Dibenzo(a,h)anthracene	25.252	278	7772	0.36	ng	#	93
41) Benzo(g,h,i)perylene	25.868	276	8076	0.37	ng	#	95

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

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