Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110420\
Data File : BN012498.D
Acq On : 04 Nov 2020 21:21
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN110420

Quant Time: Nov 05 05:22:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 05:18:04 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.489	152	615	0.40	ng		0.00
7) Naphthalene-d8	10.250	136	2441	0.40	ng		# 0.00
13) Acenaphthene-d10	14.128	164	1320	0.40	ng		-0.01
19) Phenanthrene-d10	16.883	188	2810	0.40	ng		# 0.00
29) Chrysene-d12	21.089	240	3009	0.40	ng		#-0.01
36) Perylene-d12	23.223	264	3620	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.098	112	756	0.35	ng		0.00
5) Phenol-d6	6.668	99	889	0.35	ng		0.00
8) Nitrobenzene-d5	8.640	82	1037	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.855	152	1417	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.638	330	347	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.758	172	1875	0.36	ng		0.00
27) Fluoranthene-d10	18.928	212	3176	0.36	ng		0.00
31) Terphenyl-d14	19.544	244	2627	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	341	0.35	ng	#	73
3) n-Nitrosodimethylamine	3.382	42	956	0.36	ng	#	63
6) bis(2-Chloroethyl)ether	6.926	93	564	0.33	ng	#	82
9) Naphthalene	10.301	128	2448	0.36	ng		96
10) Hexachlorobutadiene	10.592	225	538	0.36	ng	#	99
12) 2-Methylnaphthalene	11.931	142	1553	0.35	ng	#	86
16) Acenaphthylene	13.849	152	2376	0.36	ng		99
17) Acenaphthene	14.192	154	1561	0.37	ng		92
18) Fluorene	15.194	166	1985	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.296	198	232	0.34	ng	#	65
21) 4-Bromophenyl-phenylether	16.092	248	570	0.35	ng		94
22) Hexachlorobenzene	16.189	284	778	0.37	ng	#	83
23) Atrazine	16.372	200	609	0.36	ng		93
24) Pentachlorophenol	16.542	266	369	0.37	ng		95
25) Phenanthrene	16.932	178	3023	0.36	ng		99
26) Anthracene	17.017	178	2694	0.35	ng		99
28) Fluoranthene	18.958	202	3551	0.36	ng		99
30) Pyrene	19.320	202	3692	0.37	ng		99
32) Benzo(a)anthracene	21.078	228	3484	0.36	ng		98
33) Chrysene	21.131	228	3572	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.025	149	2395	0.37	ng		92
35) Indeno(1,2,3-cd)pyrene	25.318	276	5870	0.39	ng	#	95
37) Benzo(b)fluoranthene	22.590	252	4056	0.35	ng	#	90
38) Benzo(k)fluoranthene	22.631	252	4484	0.36	ng	#	91
39) Benzo(a)pyrene	23.128	252	4092	0.36	ng	#	75
40) Dibenzo(a,h)anthracene	25.332	278	4786	0.37	ng	#	92
41) Benzo(g,h,i)perylene	25.958	276	4945	0.37	ng		96

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

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