Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102620\
Data File : BN012400.D
Acq On : 26 Oct 2020 16:03
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN102620

Quant Time: Oct 26 17:02:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 15:06:07 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	718	0.40	ng		0.00
7) Naphthalene-d8	10.352	136	2879	0.40	ng		0.00
13) Acenaphthene-d10	14.217	164	1657	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	3522	0.40	ng	#	0.00
29) Chrysene-d12	21.184	240	3592	0.40	ng	#	0.00
36) Perylene-d12	23.354	264	4220	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	887	0.35	ng		0.00
5) Phenol-d6	6.765	99	1028	0.35	ng		0.00
8) Nitrobenzene-d5	8.729	82	1074	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.958	152	1652	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	403	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.847	172	2153	0.35	ng		0.00
27) Fluoranthene-d10	19.013	212	3730	0.34	ng		0.00
31) Terphenyl-d14	19.623	244	2964	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	409	0.35	ng	#	85
3) n-Nitrosodimethylamine	3.487	42	994	0.35	ng	#	68
6) bis(2-Chloroethyl)ether	7.023	93	729	0.36	ng	#	93
9) Naphthalene	10.402	128	2879	0.36	ng	#	97
10) Hexachlorobutadiene	10.681	225	608	0.36	ng	#	99
12) 2-Methylnaphthalene	12.029	142	1861	0.36	ng	#	89
16) Acenaphthylene	13.938	152	2795	0.34	ng		99
17) Acenaphthene	14.281	154	1802	0.34	ng		90
18) Fluorene	15.283	166	2331	0.35	ng		99
20) 4,6-Dinitro-2-methylph...	15.397	198	295	0.36	ng	#	21
21) 4-Bromophenyl-phenylether	16.177	248	729	0.34	ng		94
22) Hexachlorobenzene	16.287	284	908	0.35	ng	#	87
23) Atrazine	16.457	200	701	0.34	ng		90
24) Pentachlorophenol	16.640	266	386	0.32	ng		96
25) Phenanthrene	17.017	178	3508	0.34	ng		98
26) Anthracene	17.114	178	3172	0.33	ng		99
28) Fluoranthene	19.042	202	4146	0.34	ng		99
30) Pyrene	19.410	202	4294	0.35	ng		100
32) Benzo(a)anthracene	21.163	228	3790	0.35	ng		98
33) Chrysene	21.216	228	4170	0.34	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	2417	0.34	ng		92
35) Indeno(1,2,3-cd)pyrene	25.517	276	6205	0.35	ng	#	96
37) Benzo(b)fluoranthene	22.707	252	4521	0.34	ng	#	89
38) Benzo(k)fluoranthene	22.748	252	5120	0.35	ng	#	89
39) Benzo(a)pyrene	23.258	252	4384	0.34	ng	#	82
40) Dibenzo(a,h)anthracene	25.527	278	5022	0.34	ng	#	89
41) Benzo(g,h,i)perylene	26.174	276	5341	0.35	ng		96

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

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