Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011227.D
Acq On : 22 Jul 2020 20:49
Operator : CG/JU
Sample : PB130401BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130401BSD

Quant Time: Jul 23 03:56:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1466	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5082	0.40	ng		0.00
13) Acenaphthene-d10	14.12	164	2947	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6297	0.40	ng		0.00
29) Chrysene-d12	21.09	240	4767	0.40	ng		-0.01
36) Perylene-d12	23.23	264	4468	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1297	0.36	ng		0.00
5) Phenol-d6	6.69	99	1481	0.36	ng		0.00
8) Nitrobenzene-d5	8.63	82	1838	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.84	152	2916	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	392	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5372	0.39	ng		0.00
27) Fluoranthene-d10	18.92	212	5724	0.29	ng		0.00
31) Terphenyl-d14	19.54	244	5799	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	468	0.223	ng	#	42
3) n-Nitrosodimethylamine	3.51	42	304	0.288	ng	#	84
6) bis(2-Chloroethyl)ether	6.94	93	1286	0.344	ng		93
9) Naphthalene	10.29	128	4784	0.316	ng		99
10) Hexachlorobutadiene	10.58	225	1132	0.302	ng	#	98
12) 2-Methylnaphthalene	11.91	142	3258	0.343	ng		98
16) Acenaphthylene	13.84	152	4677	0.312	ng		100
17) Acenaphthene	14.18	154	3018	0.302	ng		97
18) Fluorene	15.18	166	3922	0.306	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.333	ng		94
21) 4-Bromophenyl-phenylether	16.08	248	1246	0.291	ng		94
22) Hexachlorobenzene	16.19	284	1412	0.284	ng		96
23) Atrazine	16.37	200	844	0.281	ng		97
24) Pentachlorophenol	16.54	266	802	0.543	ng		95
25) Phenanthrene	16.92	178	6180	0.305	ng		100
26) Anthracene	17.00	178	5061	0.301	ng		99
28) Fluoranthene	18.95	202	6874	0.283	ng		99
30) Pyrene	19.31	202	6718	0.369	ng		99
32) Benzo(a)anthracene	21.08	228	4932	0.319	ng		98
33) Chrysene	21.13	228	6455	0.342	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2253	0.354	ng		98
35) Indeno(1,2,3-cd)pyrene	25.31	276	6089	0.297	ng		99
37) Benzo(b)fluoranthene	22.60	252	5506	0.307	ng		97
38) Benzo(k)fluoranthene	22.64	252	6294	0.310	ng		95
39) Benzo(a)pyrene	23.13	252	4761	0.295	ng		92
40) Dibenzo(a,h)anthracene	25.34	278	4803	0.280	ng	#	91
41) Benzo(g,h,i)perylene	25.94	276	6003	0.319	ng		99

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

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