Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071020\
Data File : BN011135.D
Acq On : 09 Jul 2020 16:50
Operator : CG/JU
Sample : PB130052BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130052BSD

Quant Time: Jul 09 17:19:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 15:33:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1979	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	6514	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3366	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	6919	0.40	ng		0.00
29) Chrysene-d12	21.10	240	7099	0.40	ng		0.00
36) Perylene-d12	23.24	264	5642	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2012	0.41	ng		0.00
5) Phenol-d6	6.72	99	1810	0.32	ng		0.00
8) Nitrobenzene-d5	8.66	82	2294	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	5769	0.51	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	485	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	6250	0.39	ng		0.00
27) Fluoranthene-d10	18.93	212	6178	0.30	ng		0.00
31) Terphenyl-d14	19.55	244	6705	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	591	0.212	ng	#	85
3) n-Nitrosodimethylamine	3.55	42	400	0.284	ng	#	64
6) bis(2-Chloroethyl)ether	6.96	93	1588	0.309	ng		99
9) Naphthalene	10.30	128	5954	0.306	ng		99
10) Hexachlorobutadiene	10.60	225	1420	0.288	ng	#	97
12) 2-Methylnaphthalene	11.93	142	3912	0.301	ng		98
16) Acenaphthylene	13.84	152	5015	0.297	ng		100
17) Acenaphthene	14.20	154	3273	0.286	ng		97
18) Fluorene	15.19	166	4795	0.335	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	330	0.465	ng		98
21) 4-Bromophenyl-phenylether	16.10	248	1206	0.262	ng		90
22) Hexachlorobenzene	16.20	284	1509	0.278	ng		99
23) Atrazine	16.39	200	440	0.135	ng	#	85
24) Pentachlorophenol	16.56	266	1022	0.701	ng		96
25) Phenanthrene	16.93	178	6369	0.284	ng		99
26) Anthracene	17.02	178	5283	0.285	ng		98
28) Fluoranthene	18.96	202	7394	0.293	ng		99
30) Pyrene	19.32	202	7287	0.275	ng		99
32) Benzo(a)anthracene	21.09	228	7068	0.298	ng		100
33) Chrysene	21.13	228	9146	0.336	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2802	0.292	ng		100
35) Indeno(1,2,3-cd)pyrene	25.34	276	8187	0.288	ng		97
37) Benzo(b)fluoranthene	22.61	252	6911	0.306	ng		97
38) Benzo(k)fluoranthene	22.65	252	7564	0.312	ng		99
39) Benzo(a)pyrene	23.15	252	5823	0.299	ng		96
40) Dibenzo(a,h)anthracene	25.36	278	6771	0.339	ng		99
41) Benzo(g,h,i)perylene	25.97	276	7545	0.343	ng		100

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

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