Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
Data File : BN011283.D
Acq On : 28 Jul 2020 16:55
Operator : CG/JU
Sample : PB130451BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130451BSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:49:54 AM

Quant Time: Jul 28 17:32:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 14:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1555	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	6055	0.40	ng		0.00
13) Acenaphthene-d10	14.11	164	3432	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	7712	0.40	ng		0.00
29) Chrysene-d12	21.09	240	6176	0.40	ng		0.00
36) Perylene-d12	23.22	264	5760	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.14	112	1539	0.38	ng		0.00
5) Phenol-d6	6.68	99	1862	0.37	ng		0.00
8) Nitrobenzene-d5	8.63	82	2094	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.83	152	3707	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.62	330	574	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	5626	0.38	ng		0.00
27) Fluoranthene-d10	18.91	212	8881	0.38	ng		0.00
31) Terphenyl-d14	19.53	244	7957	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	813	0.371	ng		97
3) n-Nitrosodimethylamine	3.52	42	427	0.381	ng	#	93
6) bis(2-Chloroethyl)ether	6.93	93	1527	0.369	ng		97
9) Naphthalene	10.28	128	6462	0.360	ng		99
10) Hexachlorobutadiene	10.57	225	1514	0.348	ng	#	99
12) 2-Methylnaphthalene	11.90	142	4307	0.338	ng		98
16) Acenaphthylene	13.82	152	6373	0.361	ng		99
17) Acenaphthene	14.17	154	4302	0.373	ng		99
18) Fluorene	15.17	166	6249	0.423	ng		99
20) 4,6-Dinitro-2-methylphenol	15.29	198	373	0.425	ng		87
21) 4-Bromophenyl-phenylether	16.07	248	1911	0.374	ng	#	91
22) Hexachlorobenzene	16.18	284	2133	0.368	ng		98
23) Atrazine	16.36	200	1444	0.363	ng		99
24) Pentachlorophenol	16.53	266	635	0.353	ng		93
25) Phenanthrene	16.90	178	9469	0.377	ng		100
26) Anthracene	17.00	178	7627	0.366	ng		99
28) Fluoranthene	18.94	202	10827	0.379	ng		99
30) Pyrene	19.30	202	10575	0.380	ng		100
32) Benzo(a)anthracene	21.08	228	7969	0.385	ng		99
33) Chrysene	21.12	228	9615	0.414	ng		99
34) Bis(2-ethylhexyl)phthalate	21.03	149	4324	0.390	ng		99
35) Indeno(1,2,3-cd)pyrene	25.30	276	9269	0.409	ng		99
37) Benzo(b)fluoranthene	22.60	252	7724	0.336	ng		99
38) Benzo(k)fluoranthene	22.64	252	9796m	0.387	ng		
39) Benzo(a)pyrene	23.13	252	7241	0.363	ng		98
40) Dibenzo(a,h)anthracene	25.32	278	7347	0.356	ng		97
41) Benzo(g,h,i)perylene	25.93	276	8747	0.383	ng		99

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

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