Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043031.D
Acq On : 4 Oct 2019 17:00
Operator : JU
Sample : PB123594BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123594BS

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:43 AM

Quant Time: Oct 05 06:03:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	77276	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	300947	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	211330	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	498251	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	557181	20.00	ng		-0.02
87) Perylene-d12	24.92	264	562735	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	495049	114.33	ng		-0.01
7) Phenol-d6	7.24	99	671683	107.72	ng		0.00
23) Nitrobenzene-d5	9.22	82	398748	64.40	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	405302	111.53	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	986289	67.66	ng		-0.02
79) Terphenyl-d14	20.03	244	1796989	68.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	65711	36.398	ng		96
3) Pyridine	3.94	79	159254	31.363	ng		93
4) n-Nitrosodimethylamine	3.85	42	92286	37.794	ng	#	78
6) Aniline	7.39	93	260785	34.646	ng		99
8) 2-Chlorophenol	7.63	128	209435	46.379	ng		99
9) Benzaldehyde	7.20	77	106687	27.999	ng		93
10) Phenol	7.26	94	262933	45.959	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	179864	40.634	ng		96
12) 1,3-Dichlorobenzene	7.95	146	226650	39.345	ng		98
13) 1,4-Dichlorobenzene	8.10	146	230282	40.100	ng		99
14) 1,2-Dichlorobenzene	8.42	146	219137	40.082	ng		96
15) Benzyl Alcohol	8.30	79	203254	43.355	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	283761	33.380	ng		96
17) 2-Methylphenol	8.51	107	180705	45.142	ng		97
18) Hexachloroethane	9.15	117	84564	39.100	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	161617	39.472	ng		95
20) 3+4-Methylphenols	8.84	107	249197	45.426	ng		98
22) Acetophenone	8.88	105	313932	40.468	ng	#	95
24) Nitrobenzene	9.26	77	244256	41.358	ng		97
25) Isophorone	9.79	82	449233	41.305	ng		99
26) 2-Nitrophenol	9.98	139	118856	47.275	ng		92
27) 2,4-Dimethylphenol	10.04	122	196678	50.939	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	251439	40.748	ng		98
29) 2,4-Dichlorophenol	10.52	162	227415	47.359	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	253493	40.879	ng		96
31) Naphthalene	10.92	128	624157	42.131	ng		98
32) Benzoic acid	10.19	122	134824	45.386	ng		95
33) 4-Chloroaniline	11.02	127	210771	32.787	ng		97
34) Hexachlorobutadiene	11.20	225	176242	37.958	ng		98
35) Caprolactam	11.80	113	70921m	41.881	ng		
36) 4-Chloro-3-methylphenol	12.14	107	239804	45.930	ng		95
37) 2-Methylnaphthalene	12.51	142	479878	42.461	ng		97
38) 1-Methylnaphthalene	12.73	142	446323	41.736	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	315155	39.663	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	406876	80.367 ng	95
43) 2,4,6-Trichlorophenol	13.12	196	208243	44.776 ng	95
44) 2,4,5-Trichlorophenol	13.20	196	228018	47.593 ng	98
46) 1,1'-Biphenyl	13.52	154	645775	40.295 ng	99
47) 2-Chloronaphthalene	13.56	162	500012	41.614 ng	99
48) 2-Nitroaniline	13.76	65	167422	41.900 ng	95
49) Acenaphthylene	14.41	152	797926	43.399 ng	100
50) Dimethylphthalate	14.14	163	666108	42.068 ng	98
51) 2,6-Dinitrotoluene	14.25	165	151831	45.027 ng	95
52) Acenaphthene	14.75	154	482430	39.202 ng	99
53) 3-Nitroaniline	14.59	138	121559	34.883 ng	94
54) 2,4-Dinitrophenol	14.79	184	189272	90.303 ng	97
55) Dibenzofuran	15.08	168	768061	42.190 ng	97
56) 4-Nitrophenol	14.91	139	242829	91.455 ng	98
57) 2,4-Dinitrotoluene	15.04	165	217161	43.978 ng	93
58) Fluorene	15.73	166	654471	42.109 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223667	43.846 ng	99
60) Diethylphthalate	15.50	149	653853	40.575 ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	387731	41.596 ng	98
62) 4-Nitroaniline	15.75	138	155553	40.929 ng	96
63) Azobenzene	16.01	77	586455	39.973 ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134579	47.733 ng	95
66) n-Nitrosodiphenylamine	15.93	169	589383	44.809 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	266935	42.685 ng	97
68) Hexachlorobenzene	16.73	284	290669	41.745 ng	96
69) Atrazine	16.88	200	223723	40.392 ng	98
70) Pentachlorophenol	17.08	266	379606	94.482 ng	99
71) Phenanthrene	17.47	178	1030395	42.360 ng	99
72) Anthracene	17.56	178	1048803	43.189 ng	98
73) Carbazole	17.83	167	968927	43.027 ng	99
74) Di-n-butylphthalate	18.38	149	1118702	41.637 ng	98
75) Fluoranthene	19.48	202	1353101	42.056 ng	100
77) Benzidine	19.65	184	392573	28.139 ng	99
78) Pyrene	19.83	202	1381744	41.549 ng	98
80) Butylbenzylphthalate	20.72	149	534425	42.337 ng	96
81) Benzo(a)anthracene	21.67	228	1417238	40.822 ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	555010	40.760 ng	100
83) Chrysene	21.74	228	1392232	41.324 ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	763949	42.532 ng	99
85) Di-n-octyl phthalate	22.80	149	1292945	44.020 ng	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1825306	43.520 ng	99
88) Benzo(b)fluoranthene	23.89	252	1551960	48.741 ng	100
89) Benzo(k)fluoranthene	23.96	252	1480426	46.998 ng	100
90) Benzo(a)pyrene	24.76	252	1492421	49.680 ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1550386	50.330 ng	99
92) Benzo(g,h,i)perylene	29.73	276	1532047	51.330 ng	98

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

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