Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040451.D
Acq On : 11 Apr 2019 21:29
Operator : JU/SJ
Sample : PB118783BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118783BSD

Quant Time: Apr 12 01:27:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	70097	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	280422	20.00	ng		-0.03
39) Acenaphthene-d10	14.67	164	174211	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	435340	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	423322	20.00	ng		-0.03
87) Perylene-d12	24.97	264	412470	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	559932	132.79	ng		-0.02
7) Phenol-d6	7.21	99	746848	128.16	ng		-0.02
23) Nitrobenzene-d5	9.22	82	403161	76.42	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	268432	142.57	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	883946	75.18	ng		-0.02
79) Terphenyl-d14	20.02	244	1389174	73.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	103960	52.433	ng		99
3) Pyridine	3.89	79	179861	33.692	ng		98
4) n-Nitrosodimethylamine	3.82	42	93830	37.998	ng	#	86
6) Aniline	7.38	93	220467	29.120	ng		96
8) 2-Chlorophenol	7.61	128	201482	40.820	ng		97
9) Benzaldehyde	7.19	77	77930	19.496	ng		98
10) Phenol	7.24	94	263664	41.685	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	199680	39.415	ng		96
12) 1,3-Dichlorobenzene	7.93	146	207604	38.691	ng		96
13) 1,4-Dichlorobenzene	8.08	146	214683	40.172	ng		99
14) 1,2-Dichlorobenzene	8.40	146	204633	40.041	ng		99
15) Benzyl Alcohol	8.29	79	179171	38.178	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	374099	38.477	ng		98
17) 2-Methylphenol	8.48	107	181133	41.384	ng		99
18) Hexachloroethane	9.12	117	77684	38.216	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	153416	36.719	ng		96
20) 3+4-Methylphenols	8.81	107	242315	40.867	ng		99
22) Acetophenone	8.88	105	307022	43.891	ng	#	95
24) Nitrobenzene	9.26	77	229219	41.957	ng		96
25) Isophorone	9.77	82	434539	40.031	ng		99
26) 2-Nitrophenol	9.97	139	112650	43.517	ng		95
27) 2,4-Dimethylphenol	10.02	122	203879	49.583	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	264180	41.135	ng		98
29) 2,4-Dichlorophenol	10.50	162	200104	44.834	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	209484	42.745	ng		97
31) Naphthalene	10.91	128	605598	42.132	ng		99
32) Benzoic acid	10.17	122	71064	28.604	ng		97
33) 4-Chloroaniline	11.03	127	156994	25.606	ng		97
34) Hexachlorobutadiene	11.17	225	125722	40.112	ng		98
35) Caprolactam	11.82	113	73163	41.307	ng		99
36) 4-Chloro-3-methylphenol	12.14	107	223852	43.627	ng		99
37) 2-Methylnaphthalene	12.51	142	453853	42.693	ng		99
38) 1-Methylnaphthalene	12.73	142	435469	42.244	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	228981	41.354	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	257763	84.784	ng		94
43) 2,4,6-Trichlorophenol	13.11	196	165167	46.267	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	171621	44.106	ng		96
46) 1,1'-Biphenyl	13.51	154	579245	42.081	ng		100
47) 2-Chloronaphthalene	13.56	162	449210	42.545	ng		100
48) 2-Nitroaniline	13.77	65	158601	44.532	ng		92
49) Acenaphthylene	14.40	152	739696	41.319	ng		99
50) Dimethylphthalate	14.13	163	578585	42.436	ng		99
51) 2,6-Dinitrotoluene	14.26	165	135236	44.174	ng		98
52) Acenaphthene	14.74	154	433005	42.211	ng		97
53) 3-Nitroaniline	14.60	138	104036	32.104	ng		88
54) 2,4-Dinitrophenol	14.80	184	122174	75.039	ng		94
55) Dibenzofuran	15.07	168	704455	42.738	ng		99
56) 4-Nitrophenol	14.90	139	212528	81.259	ng		96
57) 2,4-Dinitrotoluene	15.04	165	193069	45.387	ng		100
58) Fluorene	15.72	166	554756	42.807	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	167119	47.329	ng		99
60) Diethylphthalate	15.48	149	598476	42.895	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	298606	43.107	ng		99
62) 4-Nitroaniline	15.76	138	148807	42.789	ng		97
63) Azobenzene	16.00	77	570575	43.356	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	104652	42.788	ng		94
66) n-Nitrosodiphenylamine	15.93	169	530307	41.628	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	198454	40.508	ng		96
68) Hexachlorobenzene	16.72	284	202427	41.095	ng		98
69) Atrazine	16.87	200	193609	40.855	ng		99
70) Pentachlorophenol	17.07	266	209277	73.487	ng		96
71) Phenanthrene	17.47	178	950879	41.555	ng		100
72) Anthracene	17.56	178	976612	42.641	ng		99
73) Carbazole	17.83	167	910847	42.022	ng		99
74) Di-n-butylphthalate	18.36	149	1090861	42.458	ng		100
75) Fluoranthene	19.47	202	1165663	43.021	ng		99
77) Benzidine	19.66	184	388560	25.418	ng		98
78) Pyrene	19.83	202	1155141	41.495	ng		99
80) Butylbenzylphthalate	20.70	149	516347	43.346	ng		95
81) Benzo(a)anthracene	21.67	228	1038909	39.844	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	299678	30.213	ng		97
83) Chrysene	21.74	228	1017912	40.621	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	719552	42.256	ng		99
85) Di-n-octyl phthalate	22.76	149	1222815	42.148	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1232104	40.201	ng	#	77
88) Benzo(b)fluoranthene	23.92	252	1101677	43.626	ng		98
89) Benzo(k)fluoranthene	23.99	252	1068116	45.994	ng		98
90) Benzo(a)pyrene	24.82	252	1086957	45.875	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1014490	46.101	ng		99
92) Benzo(g,h,i)perylene	29.92	276	1029372	45.516	ng		97

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

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