Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040519.D
Acq On : 17 Apr 2019 2:14
Operator : JU/SJ
Sample : PB118938BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118938BS

Quant Time: Apr 17 04:58:19 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	62004	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	260971	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	165728	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	418001	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	405103	20.00	ng		-0.03
87) Perylene-d12	24.97	264	384807	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	510265	136.81	ng		-0.02
7) Phenol-d6	7.20	99	689519	133.77	ng		-0.02
23) Nitrobenzene-d5	9.22	82	431945	87.98	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	256073	142.97	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	947622	84.73	ng		-0.03
79) Terphenyl-d14	20.02	244	1511271	83.93	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	61451	35.039	ng		97
3) Pyridine	3.89	79	151934	32.176	ng		99
4) n-Nitrosodimethylamine	3.82	42	81814	37.456	ng	#	87
6) Aniline	7.37	93	203816	30.434	ng		96
8) 2-Chlorophenol	7.61	128	177327	40.615	ng		93
9) Benzaldehyde	7.18	77	78935	22.325	ng		98
10) Phenol	7.23	94	233797	41.787	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	174295	38.895	ng		98
12) 1,3-Dichlorobenzene	7.93	146	182979	38.553	ng		97
13) 1,4-Dichlorobenzene	8.08	146	184475	39.025	ng		99
14) 1,2-Dichlorobenzene	8.39	146	176113	38.959	ng		99
15) Benzyl Alcohol	8.28	79	160043	38.553	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	337743	39.271	ng		99
17) 2-Methylphenol	8.48	107	158275	40.882	ng		99
18) Hexachloroethane	9.12	117	67144	37.342	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	135523	36.670	ng		99
20) 3+4-Methylphenols	8.81	107	220081	41.962	ng		96
22) Acetophenone	8.87	105	268819	41.294	ng	#	98
24) Nitrobenzene	9.26	77	206138	40.545	ng		97
25) Isophorone	9.78	82	393522	38.954	ng		99
26) 2-Nitrophenol	9.97	139	99607	41.346	ng		98
27) 2,4-Dimethylphenol	10.02	122	174728	45.660	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	235388	39.384	ng		100
29) 2,4-Dichlorophenol	10.50	162	181894	43.792	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	185805	40.739	ng		98
31) Naphthalene	10.91	128	549648	41.090	ng		99
32) Benzoic acid	10.19	122	46128	19.951	ng		96
33) 4-Chloroaniline	11.03	127	156615	27.448	ng		95
34) Hexachlorobutadiene	11.17	225	112519	38.575	ng		96
35) Caprolactam	11.81	113	67238	40.792	ng		88
36) 4-Chloro-3-methylphenol	12.14	107	207686	43.494	ng		98
37) 2-Methylnaphthalene	12.51	142	413641	41.811	ng		98
38) 1-Methylnaphthalene	12.73	142	392503	40.914	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	211388	40.131	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	218430	75.524	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	146822	43.233	ng	93
44) 2,4,5-Trichlorophenol	13.19	196	159136	42.991	ng	95
46) 1,1'-Biphenyl	13.51	154	529300	40.421	ng	100
47) 2-Chloronaphthalene	13.56	162	408526	40.672	ng	99
48) 2-Nitroaniline	13.77	65	148698	43.889	ng	96
49) Acenaphthylene	14.40	152	687743	40.384	ng	99
50) Dimethylphthalate	14.13	163	542048	41.791	ng	99
51) 2,6-Dinitrotoluene	14.26	165	123072	42.259	ng	98
52) Acenaphthene	14.74	154	400511	41.042	ng	99
53) 3-Nitroaniline	14.59	138	99367	32.233	ng	92
54) 2,4-Dinitrophenol	14.80	184	105557	68.152	ng	95
55) Dibenzofuran	15.07	168	661954	42.215	ng	96
56) 4-Nitrophenol	14.90	139	182174	73.218	ng	100
57) 2,4-Dinitrotoluene	15.05	165	178102	44.011	ng	98
58) Fluorene	15.72	166	526908	42.740	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	154399	45.965	ng	98
60) Diethylphthalate	15.48	149	576902	43.465	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	279366	42.393	ng	95
62) 4-Nitroaniline	15.76	138	137068	41.431	ng	96
63) Azobenzene	16.00	77	539394	43.084	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	88771	37.801	ng	96
66) n-Nitrosodiphenylamine	15.93	169	500988	40.958	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	186965	39.746	ng	99
68) Hexachlorobenzene	16.71	284	190420	40.261	ng	97
69) Atrazine	16.87	200	182845	40.184	ng	99
70) Pentachlorophenol	17.07	266	171207	62.613	ng	96
71) Phenanthrene	17.46	178	886605	40.354	ng	99
72) Anthracene	17.55	178	912923	41.513	ng	99
73) Carbazole	17.83	167	860348	41.339	ng	99
74) Di-n-butylphthalate	18.36	149	1032049	41.835	ng	99
75) Fluoranthene	19.47	202	1088240	41.829	ng	100
77) Benzidine	19.65	184	357359	24.429	ng	98
78) Pyrene	19.83	202	1056648	39.664	ng	99
80) Butylbenzylphthalate	20.70	149	475434	41.706	ng	98
81) Benzo(a)anthracene	21.67	228	965693	38.702	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	284408	29.963	ng	97
83) Chrysene	21.74	228	942893	39.319	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	683640	41.953	ng	99
85) Di-n-octyl phthalate	22.75	149	1163216	41.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1118731	38.143	ng	97
88) Benzo(b)fluoranthene	23.92	252	1014190	43.048	ng	98
89) Benzo(k)fluoranthene	23.99	252	993897	45.875	ng	99
90) Benzo(a)pyrene	24.82	252	989545	44.766	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	908685	44.261	ng	99
92) Benzo(g,h,i)perylene	29.91	276	903788	42.836	ng	100

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

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