Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038926.D
Acq On : 4 Jan 2019 11:39
Operator : JU/SJ
Sample : PB116135BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116135BS

Quant Time: Jan 04 12:33:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	21475	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	90729	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	67370	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	180902	20.00	ng		0.00
76) Chrysene-d12	21.71	240	181754	20.00	ng		-0.01
87) Perylene-d12	25.01	264	194173	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	141115	116.55	ng		0.00
7) Phenol-d6	7.21	99	194943	117.28	ng		0.00
23) Nitrobenzene-d5	9.23	82	112625	63.42	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	120547	129.83	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	324508	66.08	ng		-0.01
79) Terphenyl-d14	20.04	244	655015	78.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12955	22.990	ng	#	86
3) Pyridine	3.88	79	38040	24.519	ng		96
4) n-Nitrosodimethylamine	3.80	42	23113	30.404	ng	#	94
6) Aniline	7.37	93	28875	13.608	ng		96
8) 2-Chlorophenol	7.61	128	51136	36.496	ng		93
9) Benzaldehyde	7.19	77	19199	17.805	ng		87
10) Phenol	7.24	94	62789	35.557	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	40724	28.966	ng		91
12) 1,3-Dichlorobenzene	7.93	146	51657	31.181	ng		97
13) 1,4-Dichlorobenzene	8.08	146	52596	30.998	ng		97
14) 1,2-Dichlorobenzene	8.40	146	50675	31.680	ng		96
15) Benzyl Alcohol	8.29	79	43948	33.874	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	82792	25.707	ng		98
17) 2-Methylphenol	8.49	107	43414	36.695	ng		96
18) Hexachloroethane	9.13	117	17406	28.074	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	34621	29.656	ng		92
20) 3+4-Methylphenols	8.82	107	60197	36.842	ng		99
22) Acetophenone	8.87	105	71082	31.366	ng		93
24) Nitrobenzene	9.27	77	53465	29.759	ng		94
25) Isophorone	9.78	82	101339	31.759	ng	#	98
26) 2-Nitrophenol	9.98	139	29127	31.675	ng		93
27) 2,4-Dimethylphenol	10.03	122	50427	38.264	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	58829	32.670	ng		97
29) 2,4-Dichlorophenol	10.51	162	59149	40.344	ng		100
30) 1,2,4-Trichlorobenzene	10.72	180	57886	32.687	ng		93
31) Naphthalene	10.91	128	156479	35.004	ng		98
32) Benzoic acid	10.15	122	13727	23.090	ng	#	81
33) 4-Chloroaniline	11.04	127	25933	13.362	ng	#	94
34) Hexachlorobutadiene	11.17	225	39133	32.658	ng		97
35) Caprolactam	11.82	113	20071	33.080	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	62270	37.219	ng		94
37) 2-Methylnaphthalene	12.52	142	120454	37.770	ng		95
38) 1-Methylnaphthalene	12.74	142	116282	37.575	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	75106	29.825	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	87829	63.482	ng		91
43) 2,4,6-Trichlorophenol	13.12	196	54814	35.401	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	60935	37.169	ng		97
46) 1,1'-Biphenyl	13.52	154	166620	29.502	ng		98
47) 2-Chloronaphthalene	13.57	162	133751	30.658	ng		98
48) 2-Nitroaniline	13.78	65	42656	30.697	ng		87
49) Acenaphthylene	14.41	152	225114	34.517	ng		100
50) Dimethylphthalate	14.13	163	186688	33.933	ng		99
51) 2,6-Dinitrotoluene	14.27	165	41883	33.593	ng		95
52) Acenaphthene	14.75	154	128569	32.967	ng		97
53) 3-Nitroaniline	14.61	138	20183	15.880	ng	#	93
54) 2,4-Dinitrophenol	14.81	184	24840	36.497	ng		94
55) Dibenzofuran	15.09	168	227026	33.960	ng		96
56) 4-Nitrophenol	14.91	139	58222	60.386	ng		97
57) 2,4-Dinitrotoluene	15.06	165	62547	35.619	ng		89
58) Fluorene	15.73	166	183649	37.080	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	59627	40.427	ng		95
60) Diethylphthalate	15.49	149	195863	32.430	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	103522	33.500	ng		95
62) 4-Nitroaniline	15.77	138	43802	33.476	ng		98
63) Azobenzene	16.01	77	156781	31.074	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	32080	24.859	ng		85
66) n-Nitrosodiphenylamine	15.94	169	170679	32.111	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	71350	32.295	ng		95
68) Hexachlorobenzene	16.73	284	76255	33.296	ng		95
69) Atrazine	16.88	200	72149	36.576	ng		94
70) Pentachlorophenol	17.08	266	77093	56.910	ng		97
71) Phenanthrene	17.48	178	328867	35.057	ng		99
72) Anthracene	17.57	178	334185	36.085	ng		100
73) Carbazole	17.85	167	287528	31.393	ng		99
74) Di-n-butylphthalate	18.38	149	336660	32.034	ng		98
75) Fluoranthene	19.49	202	406537	35.026	ng		96
77) Benzidine	19.67	184	101987	18.974	ng		100
78) Pyrene	19.85	202	405249	33.751	ng		99
80) Butylbenzylphthalate	20.71	149	150996	32.188	ng		100
81) Benzo(a)anthracene	21.70	228	388523	35.081	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	74074	16.864	ng		99
83) Chrysene	21.77	228	361222	33.862	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	210454	31.632	ng		99
85) Di-n-octyl phthalate	22.78	149	357209	32.058	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.79	276	437757	34.905	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	382752	35.902	ng		99
89) Benzo(k)fluoranthene	24.02	252	378134	35.619	ng		97
90) Benzo(a)pyrene	24.85	252	374319	36.395	ng		98
91) Dibenzo(a,h)anthracene	28.85	278	361593	35.310	ng		98
92) Benzo(g,h,i)perylene	29.98	276	366248	36.291	ng		98

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

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