Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG039003.D
Acq On : 8 Jan 2019 21:10
Operator : JU/SJ
Sample : K1074-13MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W12-7MSD

Quant Time: Jan 09 02:50:05 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	25506	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	108418	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	79163	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	192325	20.00	ng		0.00
76) Chrysene-d12	21.71	240	199259	20.00	ng		-0.01
87) Perylene-d12	25.00	264	215316	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	137065	95.31	ng		0.00
7) Phenol-d6	7.21	99	201049	101.84	ng		0.00
23) Nitrobenzene-d5	9.22	82	111124	52.36	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	117436	107.64	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	327808	56.81	ng		-0.02
79) Terphenyl-d14	20.03	244	614384	67.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12908	19.286	ng		96
3) Pyridine	3.89	79	25668	13.930	ng		93
4) n-Nitrosodimethylamine	3.81	42	21183	23.461	ng	#	93
6) Aniline	7.37	93	46507	18.454	ng		97
8) 2-Chlorophenol	7.61	128	52375	31.472	ng		96
9) Benzaldehyde	7.19	77	18034	14.082	ng		94
10) Phenol	7.24	94	75617	36.054	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	41806	25.036	ng		91
12) 1,3-Dichlorobenzene	7.93	146	50342	25.585	ng		97
13) 1,4-Dichlorobenzene	8.08	146	51854	25.731	ng		95
14) 1,2-Dichlorobenzene	8.40	146	50884	26.783	ng		98
15) Benzyl Alcohol	8.29	79	46353	30.082	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	82024	21.443	ng		96
17) 2-Methylphenol	8.49	107	47456	33.772	ng		97
18) Hexachloroethane	9.12	117	18362	24.935	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	37262	26.874	ng		97
20) 3+4-Methylphenols	8.82	107	65336	33.667	ng		97
22) Acetophenone	8.88	105	75537	27.893	ng	#	93
24) Nitrobenzene	9.26	77	55623	25.909	ng		99
25) Isophorone	9.77	82	110673	29.025	ng		95
26) 2-Nitrophenol	9.97	139	31111	28.313	ng		89
27) 2,4-Dimethylphenol	10.02	122	55802	35.434	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	62706	29.141	ng		98
29) 2,4-Dichlorophenol	10.51	162	63431	36.206	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	62520	29.544	ng		94
31) Naphthalene	10.91	128	162997	30.513	ng		98
32) Benzoic acid	10.16	122	14551	21.631	ng		97
33) 4-Chloroaniline	11.03	127	39867	17.190	ng		98
34) Hexachlorobutadiene	11.17	225	41495	28.979	ng		93
35) Caprolactam	11.81	113	19503	26.900	ng	#	79
36) 4-Chloro-3-methylphenol	12.14	107	64447	32.236	ng		95
37) 2-Methylnaphthalene	12.51	142	132006	34.639	ng		98
38) 1-Methylnaphthalene	12.73	142	124582	33.689	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	84358	28.508	ng		97

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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)
41) Hexachlorocyclopentadiene	12.84	237	96480	59.346 ng		97
43) 2,4,6-Trichlorophenol	13.12	196	57405	31.551 ng		94
44) 2,4,5-Trichlorophenol	13.20	196	61434	31.891 ng		93
46) 1,1'-Biphenyl	13.52	154	179740	27.084 ng		98
47) 2-Chloronaphthalene	13.56	162	141945	27.690 ng		97
48) 2-Nitroaniline	13.78	65	41524	25.430 ng	#	82
49) Acenaphthylene	14.41	152	236613	30.875 ng		100
50) Dimethylphthalate	14.13	163	222235	34.377 ng		98
51) 2,6-Dinitrotoluene	14.27	165	43732	29.851 ng		86
52) Acenaphthene	14.75	154	132734	28.965 ng		98
53) 3-Nitroaniline	14.60	138	26212	17.552 ng		87
54) 2,4-Dinitrophenol	14.81	184	44339	52.753 ng		94
55) Dibenzofuran	15.08	168	233080	29.672 ng		96
56) 4-Nitrophenol	14.92	139	63952	56.448 ng		94
57) 2,4-Dinitrotoluene	15.06	165	60898	29.513 ng		89
58) Fluorene	15.73	166	183235	31.485 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	58245	33.607 ng		97
60) Diethylphthalate	15.49	149	195788	27.588 ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	105941	29.176 ng		97
62) 4-Nitroaniline	15.77	138	42645	27.737 ng		96
63) Azobenzene	16.01	77	149598	25.233 ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	38019	27.712 ng		89
66) n-Nitrosodiphenylamine	15.94	169	169766	30.042 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	71642	30.501 ng		97
68) Hexachlorobenzene	16.73	284	76080	31.246 ng		95
69) Atrazine	16.88	200	69046	32.924 ng		98
70) Pentachlorophenol	17.08	266	82252	57.113 ng		92
71) Phenanthrene	17.48	178	313473	31.431 ng		99
72) Anthracene	17.57	178	318772	32.377 ng		99
73) Carbazole	17.84	167	279917	28.747 ng		98
74) Di-n-butylphthalate	18.37	149	322655	28.878 ng		99
75) Fluoranthene	19.49	202	387017	31.363 ng		96
77) Benzidine	19.67	184	131646	22.340 ng		99
78) Pyrene	19.85	202	392756	29.836 ng		98
80) Butylbenzylphthalate	20.71	149	148119	28.801 ng		96
81) Benzo(a)anthracene	21.70	228	380116	31.306 ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	81243	16.871 ng		98
83) Chrysene	21.76	228	350046	29.931 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	208187	28.542 ng		98
85) Di-n-octyl phthalate	22.78	149	354951	29.057 ng		95
86) Indeno(1,2,3-cd)pyrene	28.78	276	419063	30.479 ng	#	83
88) Benzo(b)fluoranthene	23.95	252	374946	31.717 ng		99
89) Benzo(k)fluoranthene	24.02	252	353111	29.996 ng		96
90) Benzo(a)pyrene	24.85	252	358531	31.437 ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	349635	30.790 ng		99
92) Benzo(g,h,i)perylene	29.97	276	343327	30.679 ng		97

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

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