Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031890.D
Acq On : 3 Jan 2018 14:44
Operator : SJ/JU
Sample : PB105448BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105448BS

Quant Time: Jan 03 15:29:06 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	48604	20.00	ng		-0.01
21) Naphthalene-d8	11.67	136	207463	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	148190	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	394567	20.00	ng		0.00
75) Chrysene-d12	22.49	240	450136	20.00	ng		-0.01
86) Perylene-d12	26.22	264	482575	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	359539	134.73	ng		0.00
7) Phenol-d6	7.89	99	467712	135.00	ng		0.00
23) Nitrobenzene-d5	9.98	82	249012	90.64	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	320323	141.66	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	914630	77.47	ng		0.00
78) Terphenyl-d14	20.68	244	1697605	86.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	30435	30.767	ng	#	71
3) Pyridine	4.31	79	83976	31.759	ng	#	76
4) n-Nitrosodimethylamine	4.21	42	34991	32.794	ng	#	81
6) Aniline	8.08	93	64801	14.537	ng	#	89
8) 2-Chlorophenol	8.33	128	114635	37.034	ng	#	82
9) Benzaldehyde	7.89	77	24072	11.539	ng		89
10) Phenol	7.92	94	133409	38.140	ng		86
11) bis(2-Chloroethyl)ether	8.17	93	88259	30.382	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	125704	32.701	ng	#	94
13) 1,4-Dichlorobenzene	8.83	146	125549	31.973	ng		94
14) 1,2-Dichlorobenzene	9.16	146	120494	32.385	ng		96
15) Benzyl Alcohol	9.02	79	90220	34.688	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	92194	38.971	ng		78
17) 2-Methylphenol	9.22	107	92737	37.053	ng		97
18) Hexachloroethane	9.91	117	39216	32.975	ng	#	85
19) n-Nitroso-di-n-propylamine	9.60	70	68172	28.812	ng	#	85
20) 3+4-Methylphenols	9.55	107	126770	35.638	ng		92
22) Acetophenone	9.63	105	158857	32.958	ng	#	87
24) Nitrobenzene	10.03	77	102425	36.172	ng	#	85
25) Isophorone	10.55	82	195120	32.991	ng	#	85
26) 2-Nitrophenol	10.75	139	65335	44.007	ng	#	82
27) 2,4-Dimethylphenol	10.79	122	122705	39.277	ng		85
28) bis(2-Chloroethoxy)methane	11.04	93	127774	32.197	ng		94
29) 2,4-Dichlorophenol	11.29	162	140111	38.202	ng		92
30) 1,2,4-Trichlorobenzene	11.52	180	143795	32.111	ng		99
31) Naphthalene	11.72	128	345847	33.032	ng		98
32) Benzoic acid	10.89	122	73398	36.342	ng	#	82
33) 4-Chloroaniline	11.81	127	70057	15.029	ng	#	92
34) Hexachlorobutadiene	11.99	225	94955	30.886	ng		99
35) Caprolactam	12.56	113	45606	41.023	ng	#	47
36) 4-Chloro-3-methylphenol	12.88	107	129819	38.326	ng	#	86
37) 2-Methylnaphthalene	13.28	142	292000	34.402	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	200298	32.089	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	233722	70.979	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	132096	36.705	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	147562	36.999	ng	#	88
45) 1,1'-Biphenyl	14.26	154	419080	33.111	ng		96
46) 2-Chloronaphthalene	14.31	162	316915	32.827	ng		95
47) 2-Nitroaniline	14.50	65	70415	42.232	ng	#	64
48) Acenaphthylene	15.15	152	501122	32.446	ng		99
49) Dimethylphthalate	14.85	163	434967	33.318	ng		99
50) 2,6-Dinitrotoluene	14.97	165	97244	40.491	ng	#	65
51) Acenaphthene	15.48	154	357778	35.370	ng		99
52) 3-Nitroaniline	15.30	138	56428	24.083	ng	#	71
53) 2,4-Dinitrophenol	15.50	184	90126	87.541	ng	#	81
54) Dibenzofuran	15.81	168	526926	33.983	ng		98
55) 4-Nitrophenol	15.58	139	155460	81.518	ng	#	68
56) 2,4-Dinitrotoluene	15.75	165	140453	45.481	ng	#	62
57) Fluorene	16.45	166	426152	33.832	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	154127	39.610	ng	#	85
59) Diethylphthalate	16.19	149	418753	32.910	ng		95
60) 4-Chlorophenyl-phenylether	16.44	204	250807	32.542	ng		92
61) 4-Nitroaniline	16.46	138	86960	38.032	ng		78
62) Azobenzene	16.72	77	278005	34.068	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	69851	38.399	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	399476	30.484	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	184868	32.401	ng		94
67) Hexachlorobenzene	17.45	284	193767	33.221	ng	#	89
68) Atrazine	17.56	200	176746	34.686	ng		98
69) Pentachlorophenol	17.79	266	255726	63.743	ng		98
70) Phenanthrene	18.19	178	743203	33.283	ng		98
71) Anthracene	18.29	178	760076	33.744	ng		98
72) Carbazole	18.54	167	669449	33.579	ng		100
73) Di-n-butylphthalate	19.05	149	733377	33.101	ng		99
74) Fluoranthene	20.15	202	938399	34.250	ng		97
76) Benzidine	20.31	184	264338	19.026	ng		99
77) Pyrene	20.51	202	960459	33.403	ng		99
79) Butylbenzylphthalate	21.37	149	327232	33.902	ng	#	76
80) Benzo(a)anthracene	22.47	228	953545	33.302	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	208894	18.816	ng	#	98
82) Chrysene	22.55	228	890091	32.854	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	447525	32.002	ng	#	99
84) Di-n-octyl phthalate	23.71	149	766276	32.536	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.55	276	1183618	34.054	ng	#	88
87) Benzo(b)fluoranthene	25.03	252	1002256	33.458	ng	#	96
88) Benzo(k)fluoranthene	25.10	252	970904	32.387	ng	#	97
89) Benzo(a)pyrene	26.05	252	966561	33.691	ng	#	97
90) Dibenzo(a,h)anthracene	30.64	278	975681	32.929	ng	#	95
91) Benzo(g,h,i)perylene	30.55	276	1183618	33.835	ng	#	93

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

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