Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029352.D
Acq On : 19 Oct 2017 4:28
Operator : SJ/JU
Sample : PB103395BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103395BS

Quant Time: Oct 19 16:34:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	58134	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	265312	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	178179	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	459286	20.00	ng		0.00
75) Chrysene-d12	21.79	240	526657	20.00	ng		0.00
86) Perylene-d12	25.10	264	541585	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	327182	94.02	ng		0.00
7) Phenol-d6	7.32	99	431487	88.34	ng		0.00
23) Nitrobenzene-d5	9.33	82	241541	57.85	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	228269	99.23	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	667315	54.93	ng		0.00
78) Terphenyl-d14	20.11	244	1265502	54.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	35026	24.807	ng		89
3) Pyridine	3.98	79	99110	24.105	ng		96
4) n-Nitrosodimethylamine	3.90	42	47624	24.779	ng	#	90
6) Aniline	7.48	93	70963	11.732	ng		95
8) 2-Chlorophenol	7.73	128	105129	26.356	ng		89
9) Benzaldehyde	7.29	77	29714	12.094	ng		94
10) Phenol	7.35	94	142524	27.065	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	95414	24.868	ng		95
12) 1,3-Dichlorobenzene	8.06	146	110418	24.657	ng		97
13) 1,4-Dichlorobenzene	8.20	146	113115	24.740	ng		95
14) 1,2-Dichlorobenzene	8.52	146	106124	24.064	ng		97
15) Benzyl Alcohol	8.40	79	92462	26.861	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	159779	24.522	ng		95
17) 2-Methylphenol	8.60	107	93500	26.728	ng		96
18) Hexachloroethane	9.26	117	38901	24.967	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	78893	23.754	ng	#	95
20) 3+4-Methylphenols	8.93	107	130724	26.521	ng		94
22) Acetophenone	8.98	105	150402	23.523	ng	#	94
24) Nitrobenzene	9.37	77	114537	24.399	ng	#	94
25) Isophorone	9.90	82	217928	25.004	ng	#	93
26) 2-Nitrophenol	10.09	139	57160	25.477	ng		89
27) 2,4-Dimethylphenol	10.14	122	112490	27.712	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	137699	25.765	ng		97
29) 2,4-Dichlorophenol	10.62	162	116868	26.998	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	112758	24.111	ng		98
31) Naphthalene	11.04	128	319648	24.174	ng		97
32) Benzoic acid	10.25	122	84585	24.886	ng	#	83
33) 4-Chloroaniline	11.14	127	62135	11.171	ng		95
34) Hexachlorobutadiene	11.32	225	67661	23.270	ng		93
35) Caprolactam	11.89	113	45498	31.626	ng		89
36) 4-Chloro-3-methylphenol	12.25	107	125035	26.263	ng	#	88
37) 2-Methylnaphthalene	12.63	142	249691	25.910	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	134300	20.645	ng		98
40) Hexachlorocyclopentadiene	12.97	237	166801	68.402	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	101407	24.832	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	112345	26.787	ng		96
45) 1,1'-Biphenyl	13.62	154	341549	22.301	ng		97
46) 2-Chloronaphthalene	13.67	162	261120	23.375	ng		97
47) 2-Nitroaniline	13.86	65	84673	27.595	ng	#	84
48) Acenaphthylene	14.51	152	426244	24.380	ng		99
49) Dimethylphthalate	14.23	163	368161	26.483	ng		99
50) 2,6-Dinitrotoluene	14.35	165	79683	27.342	ng		84
51) Acenaphthene	14.85	154	270250	23.758	ng		99
52) 3-Nitroaniline	14.68	138	47619	15.142	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	89324	57.678	ng	#	55
54) Dibenzofuran	15.18	168	433866	26.718	ng		99
55) 4-Nitrophenol	14.98	139	161937	62.461	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	116353	29.493	ng	#	81
57) Fluorene	15.82	166	345047	25.721	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	111572	31.887	ng		97
59) Diethylphthalate	15.58	149	384008	27.717	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	189033	26.429	ng		99
61) 4-Nitroaniline	15.84	138	97624	30.232	ng		84
62) Azobenzene	16.11	77	328241	28.095	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	65813	27.573	ng		83
65) n-Nitrosodiphenylamine	16.02	169	328886	23.905	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	126973	24.093	ng		96
67) Hexachlorobenzene	16.83	284	134798	22.580	ng		97
68) Atrazine	16.96	200	138601	28.233	ng		98
69) Pentachlorophenol	17.17	266	185519	54.098	ng		98
70) Phenanthrene	17.56	178	609682	25.696	ng		98
71) Anthracene	17.66	178	632037	26.528	ng		99
72) Carbazole	17.92	167	616734	26.947	ng		99
73) Di-n-butylphthalate	18.47	149	726548	27.602	ng		99
74) Fluoranthene	19.56	202	794696	28.636	ng		98
76) Benzidine	19.73	184	246398	15.495	ng		97
77) Pyrene	19.92	202	826804	25.880	ng		98
79) Butylbenzylphthalate	20.79	149	342920	25.194	ng		90
80) Benzo(a)anthracene	21.78	228	808384	26.143	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	187861	14.719	ng		97
82) Chrysene	21.84	228	755261	25.505	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	485160	24.837	ng		97
84) Di-n-octyl phthalate	22.90	149	830292	24.388	ng		96
85) Indeno(1,2,3-cd)pyrene	28.88	276	946730	25.987	ng		97
87) Benzo(b)fluoranthene	24.05	252	808884	26.088	ng		99
88) Benzo(k)fluoranthene	24.12	252	804693	26.050	ng		99
89) Benzo(a)pyrene	24.95	252	787662	26.425	ng		98
90) Dibenzo(a,h)anthracene	28.95	278	801710	26.567	ng		97
91) Benzo(g,h,i)perylene	30.07	276	793306	28.293	ng		99

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

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