Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
Data File : BG032357.D
Acq On : 27 Jan 2018 15:31
Operator : SJ/JU
Sample : PB106058BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106058BS

Quant Time: Jan 27 23:19:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36996	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	142631	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	98272	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	255109	20.00	ng		0.00
75) Chrysene-d12	22.42	240	319987	20.00	ng		0.00
86) Perylene-d12	26.10	264	346566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	249484	123.33	ng		0.00
7) Phenol-d6	7.84	99	308144	120.95	ng		0.00
23) Nitrobenzene-d5	9.92	82	188383	89.36	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	226265	139.14	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	669736	84.50	ng		0.00
78) Terphenyl-d14	20.63	244	1264190	87.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	23022	29.625	ng	#	75
3) Pyridine	4.27	79	65494	31.573	ng	#	82
4) n-Nitrosodimethylamine	4.18	42	40476	55.541	ng	#	75
6) Aniline	8.02	93	84841	26.402	ng		97
8) 2-Chlorophenol	8.28	128	98727	43.617	ng	#	77
9) Benzaldehyde	7.83	77	36395	24.656	ng		93
10) Phenol	7.86	94	102330	40.776	ng		94
11) bis(2-Chloroethyl)ether	8.11	93	72205	35.913	ng		83
12) 1,3-Dichlorobenzene	8.61	146	115577	39.014	ng		98
13) 1,4-Dichlorobenzene	8.76	146	117390	39.355	ng		93
14) 1,2-Dichlorobenzene	9.09	146	112506	38.997	ng		95
15) Benzyl Alcohol	8.96	79	82850	44.766	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	67206	32.891	ng		70
17) 2-Methylphenol	9.16	107	72907	38.014	ng	#	91
18) Hexachloroethane	9.84	117	38003	41.456	ng	#	76
19) n-Nitroso-di-n-propylamine	9.53	70	59728	37.786	ng	#	91
20) 3+4-Methylphenols	9.50	107	103078	38.796	ng		93
22) Acetophenone	9.56	105	134225	41.429	ng	#	92
24) Nitrobenzene	9.96	77	92972	44.211	ng		92
25) Isophorone	10.48	82	167262	42.608	ng	#	84
26) 2-Nitrophenol	10.69	139	59465	47.723	ng	#	80
27) 2,4-Dimethylphenol	10.73	122	95457	48.275	ng	#	94
28) bis(2-Chloroethoxy)methane	10.97	93	99004	41.859	ng		97
29) 2,4-Dichlorophenol	11.23	162	118391	48.659	ng		89
30) 1,2,4-Trichlorobenzene	11.45	180	134773	42.891	ng		97
31) Naphthalene	11.65	128	285716	40.438	ng		99
32) Benzoic acid	10.85	122	52370	34.656	ng		95
33) 4-Chloroaniline	11.75	127	74665	24.643	ng		96
34) Hexachlorobutadiene	11.92	225	102454	45.396	ng		96
35) Caprolactam	12.51	113	33103	44.847	ng	#	51
36) 4-Chloro-3-methylphenol	12.83	107	106768	47.942	ng	#	87
37) 2-Methylnaphthalene	13.22	142	241245	43.006	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	186813	43.610	ng		97
40) Hexachlorocyclopentadiene	13.55	237	264509	109.631	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	114238	47.462	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	126016	45.232	ng	#	90
45) 1,1'-Biphenyl	14.20	154	336595	39.954	ng		95
46) 2-Chloronaphthalene	14.25	162	268001	40.892	ng		96
47) 2-Nitroaniline	14.44	65	61671	49.154	ng	#	79
48) Acenaphthylene	15.09	152	392206	39.299	ng		98
49) Dimethylphthalate	14.79	163	354475	41.220	ng		99
50) 2,6-Dinitrotoluene	14.91	165	78174	43.795	ng	#	75
51) Acenaphthene	15.42	154	311409	47.188	ng		98
52) 3-Nitroaniline	15.25	138	47792	29.644	ng	#	78
53) 2,4-Dinitrophenol	15.45	184	104359	113.368	ng	#	56
54) Dibenzofuran	15.75	168	417990	42.459	ng		99
55) 4-Nitrophenol	15.53	139	115995	98.728	ng	#	76
56) 2,4-Dinitrotoluene	15.70	165	116378	48.427	ng	#	68
57) Fluorene	16.40	166	335686	41.576	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	132466	51.398	ng	#	85
59) Diethylphthalate	16.13	149	343682	41.224	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	219750	44.369	ng		93
61) 4-Nitroaniline	16.41	138	68884	44.542	ng		84
62) Azobenzene	16.67	77	221672	42.481	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	72690	44.871	ng	#	72
65) n-Nitrosodiphenylamine	16.58	169	315796	40.795	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	156468	43.107	ng		95
67) Hexachlorobenzene	17.39	284	166732	41.520	ng	#	90
68) Atrazine	17.51	200	145062	44.559	ng		97
69) Pentachlorophenol	17.73	266	209489	81.615	ng		99
70) Phenanthrene	18.13	178	582143	40.986	ng		99
71) Anthracene	18.22	178	598295	42.234	ng		98
72) Carbazole	18.48	167	510323	41.526	ng		99
73) Di-n-butylphthalate	18.99	149	574289	39.548	ng		99
74) Fluoranthene	20.10	202	784150	44.094	ng		96
76) Benzidine	20.26	184	320927	40.108	ng		98
77) Pyrene	20.46	202	782329	38.892	ng		98
79) Butylbenzylphthalate	21.31	149	267921	37.174	ng	#	76
80) Benzo(a)anthracene	22.40	228	840678	42.245	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	215901	29.043	ng	#	97
82) Chrysene	22.48	228	786416	41.149	ng		97
83) Bis(2-ethylhexyl)phthalate	22.24	149	369953	35.005	ng	#	98
84) Di-n-octyl phthalate	23.61	149	642952	38.304	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.37	276	1049900	44.890	ng	#	84
87) Benzo(b)fluoranthene	24.93	252	897512	42.845	ng	#	96
88) Benzo(k)fluoranthene	25.00	252	861090	42.067	ng	#	95
89) Benzo(a)pyrene	25.93	252	863469	43.574	ng	#	95
90) Dibenzo(a,h)anthracene	30.44	278	880336	46.101	ng	#	95
91) Benzo(g,h,i)perylene	31.71	276	881091	45.144	ng	#	91

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

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