Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031797.D
Acq On : 27 Dec 2017 15:29
Operator : SJ/JU
Sample : PB105354BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105354BS

Quant Time: Dec 28 07:17:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43770	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	194351	20.00	ng		-0.03
38) Acenaphthene-d10	15.44	164	139752	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	364247	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	420569	20.00	ng		-0.06
86) Perylene-d12	26.26	264	465366	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	200977	83.63	ng		-0.02
7) Phenol-d6	7.91	99	261137	83.70	ng		-0.02
23) Nitrobenzene-d5	10.00	82	195587	75.99	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	179611	84.23	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	758275	68.10	ng		-0.03
78) Terphenyl-d14	20.70	244	1335251	72.53	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	28685	32.201	ng	#	76
3) Pyridine	4.32	79	84240	35.378	ng	#	77
4) n-Nitrosodimethylamine	4.23	42	34614	36.024	ng	#	89
6) Aniline	8.09	93	36796	9.166	ng	#	85
8) 2-Chlorophenol	8.35	128	116207	41.688	ng	#	80
9) Benzaldehyde	7.90	77	33603	17.886	ng		88
10) Phenol	7.93	94	135057	42.875	ng		93
11) bis(2-Chloroethyl)ether	8.19	93	87990	33.635	ng	#	80
12) 1,3-Dichlorobenzene	8.69	146	123358	35.635	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	127904	36.170	ng		95
14) 1,2-Dichlorobenzene	9.17	146	122513	36.564	ng		95
15) Benzyl Alcohol	9.03	79	92145	39.341	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.33	45	87727	41.179	ng		80
17) 2-Methylphenol	9.24	107	95114	42.200	ng		97
18) Hexachloroethane	9.93	117	38726	36.159	ng	#	82
19) n-Nitroso-di-n-propylamine	9.62	70	69700	32.711	ng	#	84
20) 3+4-Methylphenols	9.57	107	131031	40.905	ng		94
22) Acetophenone	9.64	105	160226	35.485	ng	#	87
24) Nitrobenzene	10.04	77	102931	38.803	ng	#	80
25) Isophorone	10.57	82	199998	36.097	ng	#	84
26) 2-Nitrophenol	10.77	139	63588	45.720	ng	#	82
27) 2,4-Dimethylphenol	10.81	122	123590	42.229	ng		93
28) bis(2-Chloroethoxy)methane	11.05	93	129702	34.888	ng		97
29) 2,4-Dichlorophenol	11.31	162	144560	42.075	ng		91
30) 1,2,4-Trichlorobenzene	11.54	180	146962	35.032	ng		99
31) Naphthalene	11.74	128	350353	35.720	ng		100
32) Benzoic acid	10.90	122	62979	33.849	ng	#	79
33) 4-Chloroaniline	11.83	127	39771	9.108	ng	#	87
34) Hexachlorobutadiene	12.01	225	96490	33.503	ng		98
35) Caprolactam	12.58	113	44966	43.176	ng	#	55
36) 4-Chloro-3-methylphenol	12.90	107	131712	41.508	ng	#	83
37) 2-Methylnaphthalene	13.30	142	293283	36.885	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	204807	34.793	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	217722	70.112	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	136698	40.278	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	146015	38.822	ng	#	91
45) 1,1'-Biphenyl	14.27	154	428529	35.902	ng		96
46) 2-Chloronaphthalene	14.33	162	323643	35.548	ng		95
47) 2-Nitroaniline	14.51	65	66698	42.418	ng	#	63
48) Acenaphthylene	15.16	152	497636	34.166	ng		98
49) Dimethylphthalate	14.86	163	437915	35.569	ng		100
50) 2,6-Dinitrotoluene	14.99	165	97173	42.905	ng	#	65
51) Acenaphthene	15.50	154	336152	35.239	ng		98
52) 3-Nitroaniline	15.31	138	37179	16.826	ng	#	67
53) 2,4-Dinitrophenol	15.51	184	46620	51.463	ng	#	18
54) Dibenzofuran	15.83	168	533866	36.509	ng		97
55) 4-Nitrophenol	15.60	139	144672	80.442	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	140739	48.326	ng	#	60
57) Fluorene	16.47	166	427770	36.011	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	153423	41.810	ng	#	85
59) Diethylphthalate	16.21	149	428068	35.673	ng		94
60) 4-Chlorophenyl-phenylether	16.45	204	259439	35.694	ng		92
61) 4-Nitroaniline	16.47	138	77325	35.860	ng		80
62) Azobenzene	16.74	77	273678	35.563	ng		81
64) 4,6-Dinitro-2-methylphenol	16.52	198	51294	32.244	ng	#	70
65) n-Nitrosodiphenylamine	16.66	169	405632	33.530	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	186840	35.472	ng		91
67) Hexachlorobenzene	17.46	284	201801	37.478	ng	#	92
68) Atrazine	17.58	200	174737	37.147	ng		98
69) Pentachlorophenol	17.80	266	244726	66.078	ng		98
70) Phenanthrene	18.21	178	743286	36.058	ng		99
71) Anthracene	18.30	178	755688	36.342	ng		99
72) Carbazole	18.56	167	661373	35.935	ng		99
73) Di-n-butylphthalate	19.07	149	727419	35.565	ng		99
74) Fluoranthene	20.17	202	942080	37.247	ng		96
76) Benzidine	20.32	184	141164	10.875	ng		98
77) Pyrene	20.53	202	957600	35.645	ng		98
79) Butylbenzylphthalate	21.40	149	332892	36.913	ng	#	75
80) Benzo(a)anthracene	22.49	228	982548	36.727	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	143565	13.841	ng	#	97
82) Chrysene	22.56	228	923175	36.471	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	472856	36.191	ng	#	98
84) Di-n-octyl phthalate	23.75	149	827759	37.618	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.61	276	1269756	39.101	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1062406	36.778	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1035296	35.812	ng	#	98
89) Benzo(a)pyrene	26.08	252	1031657	37.290	ng	#	97
90) Dibenzo(a,h)anthracene	30.70	278	1058925	37.060	ng		98
91) Benzo(g,h,i)perylene	30.61	276	1269756	37.639	ng	#	93

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

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