Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032297.D
Acq On : 25 Jan 2018 17:24
Operator : SJ/JU
Sample : PB106006BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106006BS

Quant Time: Jan 26 01:21:53 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	8.73	152	34247	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	150074	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	118713	20.00	ng		0.00
63) Phenanthrene-d10	18.10	188	316561	20.00	ng		0.00
75) Chrysene-d12	22.43	240	378887	20.00	ng		0.00
86) Perylene-d12	26.10	264	424264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	242455	129.48	ng		0.00
7) Phenol-d6	7.84	99	309881	131.40	ng		0.00
23) Nitrobenzene-d5	9.93	82	191863	86.49	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	257106	130.88	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	727587	76.00	ng		0.00
78) Terphenyl-d14	20.63	244	1425890	83.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	19304	26.834	ng	#	78
3) Pyridine	4.26	79	56143	29.238	ng	#	84
4) n-Nitrosodimethylamine	4.17	42	33072	49.024	ng	#	74
6) Aniline	8.02	93	94645	31.818	ng		95
8) 2-Chlorophenol	8.28	128	97430	46.499	ng	#	77
9) Benzaldehyde	7.83	77	39900	29.201	ng		90
10) Phenol	7.87	94	105232	45.298	ng		90
11) bis(2-Chloroethyl)ether	8.11	93	68751	36.940	ng		85
12) 1,3-Dichlorobenzene	8.61	146	101494	37.010	ng		94
13) 1,4-Dichlorobenzene	8.77	146	104659	37.903	ng		96
14) 1,2-Dichlorobenzene	9.09	146	101333	37.943	ng		95
15) Benzyl Alcohol	8.97	79	83867	48.953	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.25	45	68912	36.433	ng		80
17) 2-Methylphenol	9.16	107	78406	44.163	ng		95
18) Hexachloroethane	9.85	117	34735	40.932	ng	#	84
19) n-Nitroso-di-n-propylamine	9.54	70	60801	41.552	ng	#	92
20) 3+4-Methylphenols	9.50	107	107897	43.870	ng		96
22) Acetophenone	9.57	105	135133	39.641	ng	#	92
24) Nitrobenzene	9.97	77	94876	42.879	ng		92
25) Isophorone	10.49	82	178583	43.236	ng	#	83
26) 2-Nitrophenol	10.69	139	59373	45.286	ng	#	85
27) 2,4-Dimethylphenol	10.73	122	101884	48.970	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	104409	41.955	ng	#	96
29) 2,4-Dichlorophenol	11.24	162	125690	49.097	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	131445	39.757	ng		98
31) Naphthalene	11.66	128	289601	38.955	ng		99
32) Benzoic acid	10.83	122	50545	32.224	ng		94
33) 4-Chloroaniline	11.76	127	103824	32.567	ng		93
34) Hexachlorobutadiene	11.93	225	97673	41.131	ng		94
35) Caprolactam	12.51	113	37978	48.900	ng	#	47
36) 4-Chloro-3-methylphenol	12.83	107	118356	50.509	ng	#	79
37) 2-Methylnaphthalene	13.22	142	250494	42.440	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	195907	37.859	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	265702	91.163	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	130337	44.827	ng		97
43) 2,4,5-Trichlorophenol	13.88	196	139775	41.532	ng	#	91
45) 1,1'-Biphenyl	14.20	154	364003	35.767	ng		94
46) 2-Chloronaphthalene	14.25	162	293682	37.095	ng		96
47) 2-Nitroaniline	14.44	65	70428	46.468	ng	#	74
48) Acenaphthylene	15.09	152	436448	36.202	ng		98
49) Dimethylphthalate	14.79	163	403313	38.823	ng		98
50) 2,6-Dinitrotoluene	14.92	165	90013	41.745	ng	#	76
51) Acenaphthene	15.43	154	332169	41.667	ng		99
52) 3-Nitroaniline	15.25	138	64667	33.205	ng	#	73
53) 2,4-Dinitrophenol	15.45	184	95809	87.830	ng	#	59
54) Dibenzofuran	15.75	168	475393	39.975	ng		98
55) 4-Nitrophenol	15.54	139	132166	93.122	ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	131807	45.403	ng	#	68
57) Fluorene	16.40	166	383717	39.342	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.97	232	152510	48.986	ng	#	84
59) Diethylphthalate	16.13	149	395454	39.266	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	245260	40.993	ng		93
61) 4-Nitroaniline	16.41	138	83424	44.655	ng		87
62) Azobenzene	16.67	77	250924	39.807	ng		86
64) 4,6-Dinitro-2-methylphenol	16.46	198	78002	39.464	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	361361	37.619	ng		100
66) 4-Bromophenyl-phenylether	17.27	248	180310	40.033	ng		96
67) Hexachlorobenzene	17.40	284	185824	37.291	ng	#	91
68) Atrazine	17.51	200	168761	41.776	ng		97
69) Pentachlorophenol	17.73	266	233793	73.402	ng		99
70) Phenanthrene	18.14	178	668071	37.905	ng		99
71) Anthracene	18.22	178	687739	39.123	ng		98
72) Carbazole	18.49	167	590424	38.718	ng		99
73) Di-n-butylphthalate	18.99	149	673298	37.365	ng		100
74) Fluoranthene	20.10	202	893250	40.478	ng		95
76) Benzidine	20.26	184	404435	42.687	ng		98
77) Pyrene	20.46	202	893137	37.498	ng		98
79) Butylbenzylphthalate	21.32	149	305763	35.830	ng	#	77
80) Benzo(a)anthracene	22.40	228	950281	40.329	ng		99
81) 3,3'-Dichlorobenzidine	22.30	252	301132	34.211	ng	#	93
82) Chrysene	22.48	228	890998	39.374	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	427325	34.148	ng	#	97
84) Di-n-octyl phthalate	23.62	149	742251	37.346	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1188643	42.921	ng	#	86
87) Benzo(b)fluoranthene	24.93	252	997985	38.916	ng	#	96
88) Benzo(k)fluoranthene	25.01	252	984255	39.278	ng	#	96
89) Benzo(a)pyrene	25.93	252	981121	40.444	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	991792	42.426	ng	#	93
91) Benzo(g,h,i)perylene	31.73	276	989066	41.395	ng	#	92

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

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