Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033491.D
Acq On : 2 Apr 2018 17:31
Operator : SJ/JU
Sample : PB107874BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107874BSD

Quant Time: Apr 03 04:00:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38137	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	173551	20.00	ng		-0.01
38) Acenaphthene-d10	15.48	164	129117	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	337162	20.00	ng		0.00
75) Chrysene-d12	22.56	240	345557	20.00	ng		0.00
86) Perylene-d12	26.32	264	368137	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	266309	130.94	ng		0.00
7) Phenol-d6	7.98	99	425747	121.83	ng		0.00
23) Nitrobenzene-d5	10.07	82	264309	69.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	206381	106.87	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	661152	73.92	ng		0.00
78) Terphenyl-d14	20.73	244	1211805	75.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	31590	30.585	ng		92
3) Pyridine	4.38	79	88367	30.950	ng		91
4) n-Nitrosodimethylamine	4.29	42	45499	38.831	ng	#	77
6) Aniline	8.16	93	30843	7.505	ng	#	83
8) 2-Chlorophenol	8.41	128	103672	44.588	ng		95
9) Benzaldehyde	7.97	77	37181	16.742	ng		97
10) Phenol	8.01	94	151608	43.942	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	89633	31.828	ng		96
12) 1,3-Dichlorobenzene	8.75	146	102106	33.589	ng		94
13) 1,4-Dichlorobenzene	8.90	146	104457	34.312	ng		98
14) 1,2-Dichlorobenzene	9.23	146	105431	35.483	ng		98
15) Benzyl Alcohol	9.10	79	107332	39.010	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	169428	36.905	ng		87
17) 2-Methylphenol	9.30	107	86382	36.752	ng	#	88
18) Hexachloroethane	9.98	117	42277	35.981	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	94065	36.734	ng	#	93
20) 3+4-Methylphenols	9.64	107	136784	40.874	ng		93
22) Acetophenone	9.70	105	159687	33.585	ng	#	96
24) Nitrobenzene	10.11	77	142986	35.364	ng		94
25) Isophorone	10.62	82	272561	37.177	ng		97
26) 2-Nitrophenol	10.83	139	57696	37.691	ng	#	85
27) 2,4-Dimethylphenol	10.87	122	102419	46.057	ng		86
28) bis(2-Chloroethoxy)methane	11.11	93	137401	37.562	ng		94
29) 2,4-Dichlorophenol	11.38	162	112391	41.097	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	117040	32.940	ng		97
31) Naphthalene	11.80	128	325510	36.194	ng		96
32) Benzoic acid	10.99	122	46035	22.269	ng		92
33) 4-Chloroaniline	11.90	127	23531	5.840	ng		95
34) Hexachlorobutadiene	12.06	225	86742	32.283	ng		96
35) Caprolactam	12.64	113	41960	39.165	ng		98
36) 4-Chloro-3-methylphenol	12.96	107	144533	40.522	ng		91
37) 2-Methylnaphthalene	13.35	142	253400	36.301	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	162085	34.656	ng		98
40) Hexachlorocyclopentadiene	13.67	237	209089	76.261	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	106709	39.270	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	118938	37.031	ng		97
45) 1,1'-Biphenyl	14.33	154	353293	35.615	ng		97
46) 2-Chloronaphthalene	14.38	162	271450	35.490	ng		92
47) 2-Nitroaniline	14.57	65	110080	38.425	ng		98
48) Acenaphthylene	15.21	152	452105	35.412	ng		99
49) Dimethylphthalate	14.91	163	395022	35.155	ng		99
50) 2,6-Dinitrotoluene	15.04	165	84786	36.902	ng		97
51) Acenaphthene	15.55	154	322155	39.143	ng		95
52) 3-Nitroaniline	15.39	138	25209	10.465	ng	#	90
53) 2,4-Dinitrophenol	15.58	184	78911	67.628	ng	#	79
54) Dibenzofuran	15.88	168	446449	36.724	ng		94
55) 4-Nitrophenol	15.67	139	134808	79.589	ng	#	90
56) 2,4-Dinitrotoluene	15.82	165	124305	36.744	ng		96
57) Fluorene	16.52	166	374564	36.166	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	117279	38.786	ng		98
59) Diethylphthalate	16.24	149	395288	36.228	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	210456	35.350	ng		98
61) 4-Nitroaniline	16.53	138	71727	29.405	ng	#	83
62) Azobenzene	16.79	77	393915	37.269	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	68970	34.194	ng		92
65) n-Nitrosodiphenylamine	16.70	169	347780	36.131	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	143681	36.286	ng		92
67) Hexachlorobenzene	17.51	284	142901	34.196	ng		97
68) Atrazine	17.62	200	152226	39.028	ng		95
69) Pentachlorophenol	17.85	266	188179	65.609	ng		98
70) Phenanthrene	18.26	178	638777	36.378	ng		98
71) Anthracene	18.34	178	664668	37.384	ng		99
72) Carbazole	18.60	167	584858	37.122	ng		97
73) Di-n-butylphthalate	19.10	149	700887	38.220	ng		98
74) Fluoranthene	20.21	202	818888	37.686	ng		97
76) Benzidine	20.37	184	122633	13.086	ng		97
77) Pyrene	20.57	202	822368	35.683	ng		98
79) Butylbenzylphthalate	21.42	149	316015	37.158	ng		97
80) Benzo(a)anthracene	22.53	228	797995	36.267	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	88308	11.278	ng		99
82) Chrysene	22.61	228	762910	35.818	ng		99
83) Bis(2-ethylhexyl)phthalate	22.36	149	436932	37.269	ng		97
84) Di-n-octyl phthalate	23.75	149	756437	42.140	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	888213	38.570	ng	#	87
87) Benzo(b)fluoranthene	25.11	252	768862	36.149	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	806037	37.471	ng	#	96
89) Benzo(a)pyrene	26.14	252	773153	37.853	ng	#	98
90) Dibenzo(a,h)anthracene	30.77	278	725666	37.717	ng		98
91) Benzo(g,h,i)perylene	32.07	276	734669	38.561	ng	#	93

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

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