Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035152.D
Acq On : 15 Jun 2018 00:21
Operator : SJ/JU
Sample : PB110221BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110221BSD

Quant Time: Jun 15 02:06:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45285	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	180408	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	134477	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	375757	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	393714	20.00	ng		-0.01
86) Perylene-d12	24.93	264	383127	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	363147	135.33	ng		0.00
7) Phenol-d6	7.22	99	551657	139.29	ng		0.00
23) Nitrobenzene-d5	9.23	82	353622	93.17	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	273319	158.77	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	838475	81.06	ng		-0.02
78) Terphenyl-d14	20.04	244	1538315	81.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36036	28.147	ng	#	74
3) Pyridine	3.94	79	112160	32.468	ng	#	72
4) n-Nitrosodimethylamine	3.86	42	49904	33.627	ng	#	71
6) Aniline	7.39	93	143247	27.981	ng		97
8) 2-Chlorophenol	7.63	128	125597	44.653	ng		95
9) Benzaldehyde	7.20	77	86962	28.506	ng		94
10) Phenol	7.25	94	192178	46.888	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	119627	37.604	ng		89
12) 1,3-Dichlorobenzene	7.95	146	127348	37.946	ng		98
13) 1,4-Dichlorobenzene	8.10	146	132421	38.223	ng		95
14) 1,2-Dichlorobenzene	8.42	146	125946	38.703	ng		92
15) Benzyl Alcohol	8.30	79	153464	40.893	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	136760	43.192	ng		76
17) 2-Methylphenol	8.50	107	129299	47.849	ng	#	94
18) Hexachloroethane	9.15	117	47712	38.469	ng		90
19) n-Nitroso-di-n-propylamine	8.87	70	117928	35.048	ng	#	86
20) 3+4-Methylphenols	8.83	107	179912	46.450	ng		92
22) Acetophenone	8.89	105	214503	38.383	ng	#	89
24) Nitrobenzene	9.27	77	177728	45.730	ng		94
25) Isophorone	9.79	82	352702	44.016	ng		100
26) 2-Nitrophenol	9.98	139	75029	56.007	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	138822	49.301	ng		92
28) bis(2-Chloroethoxy)methane	10.27	93	181930	42.249	ng		99
29) 2,4-Dichlorophenol	10.51	162	156246	50.996	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	155097	42.216	ng		100
31) Naphthalene	10.92	128	396127	42.267	ng		98
32) Benzoic acid	10.16	122	88302	46.818	ng		96
33) 4-Chloroaniline	11.03	127	79323	19.493	ng		97
34) Hexachlorobutadiene	11.21	225	114101	39.934	ng		94
35) Caprolactam	11.80	113	55127	48.685	ng	#	69
36) 4-Chloro-3-methylphenol	12.14	107	191693	50.191	ng		95
37) 2-Methylnaphthalene	12.52	142	315991	44.472	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	215754	43.074	ng		98
40) Hexachlorocyclopentadiene	12.86	237	292849	93.231	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	148936	49.657	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	167095	50.758	ng		98
45) 1,1'-Biphenyl	13.52	154	438859	40.585	ng		97
46) 2-Chloronaphthalene	13.57	162	350951	42.927	ng		99
47) 2-Nitroaniline	13.77	65	123758	51.263	ng		92
48) Acenaphthylene	14.41	152	593816	43.317	ng		98
49) Dimethylphthalate	14.14	163	502971	42.891	ng		98
50) 2,6-Dinitrotoluene	14.26	165	112792	52.722	ng		95
51) Acenaphthene	14.76	154	385713	43.063	ng		97
52) 3-Nitroaniline	14.59	138	69033	32.884	ng	#	87
53) 2,4-Dinitrophenol	14.79	184	53432	61.713	ng	#	62
54) Dibenzofuran	15.08	168	594055	44.284	ng		96
55) 4-Nitrophenol	14.89	139	164182	92.668	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	168440	59.270	ng		87
57) Fluorene	15.74	166	490602	43.761	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	171129	53.511	ng	#	95
59) Diethylphthalate	15.50	149	507827	42.445	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	282032	44.117	ng		97
61) 4-Nitroaniline	15.75	138	115912	51.486	ng		85
62) Azobenzene	16.02	77	509057	43.419	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	65384	38.112	ng		83
65) n-Nitrosodiphenylamine	15.94	169	442251	39.191	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	197960	43.748	ng		96
67) Hexachlorobenzene	16.74	284	196075	42.572	ng		95
68) Atrazine	16.88	200	207263	43.070	ng		95
69) Pentachlorophenol	17.08	266	220001	71.036	ng		98
70) Phenanthrene	17.48	178	818834	42.899	ng		98
71) Anthracene	17.56	178	828652	43.340	ng		97
72) Carbazole	17.83	167	743816	41.928	ng		98
73) Di-n-butylphthalate	18.39	149	853616	40.370	ng	#	98
74) Fluoranthene	19.48	202	1058528	42.617	ng		97
76) Benzidine	19.65	184	394580	26.938	ng		97
77) Pyrene	19.84	202	1042450	40.163	ng		96
79) Butylbenzylphthalate	20.72	149	388067	41.175	ng		97
80) Benzo(a)anthracene	21.68	228	1056623	41.997	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	228683	24.159	ng	#	96
82) Chrysene	21.75	228	983792	42.708	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	535723	40.227	ng		98
84) Di-n-octyl phthalate	22.81	149	904915	39.607	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1091205	40.447	ng	#	89
87) Benzo(b)fluoranthene	23.91	252	1043614	44.233	ng	#	96
88) Benzo(k)fluoranthene	23.98	252	969536	42.008	ng	#	97
89) Benzo(a)pyrene	24.78	252	989553	44.572	ng	#	96
90) Dibenzo(a,h)anthracene	28.68	278	875324	39.939	ng		97
91) Benzo(g,h,i)perylene	29.76	276	889057	41.451	ng	#	94

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

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