Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031950.D
Acq On : 9 Jan 2018 17:41
Operator : SJ/JU
Sample : PB105532BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105532BS

Quant Time: Jan 10 00:22:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	66848	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	275067	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	177529	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	438805	20.00	ng		-0.01
75) Chrysene-d12	22.48	240	489949	20.00	ng		-0.04
86) Perylene-d12	26.21	264	520463	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	477478	130.10	ng		0.00
7) Phenol-d6	7.89	99	603174	126.58	ng		0.00
23) Nitrobenzene-d5	9.98	82	331281	90.94	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	359434	132.69	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	1117280	78.99	ng		-0.01
78) Terphenyl-d14	20.67	244	1828507	85.26	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	40175	29.530	ng	#	75
3) Pyridine	4.31	79	116094	31.924	ng	#	74
4) n-Nitrosodimethylamine	4.22	42	52558	35.815	ng	#	79
6) Aniline	8.08	93	63765	10.401	ng	#	88
8) 2-Chlorophenol	8.33	128	170501	40.049	ng	#	81
9) Benzaldehyde	7.88	77	29838	10.399	ng		85
10) Phenol	7.92	94	192358	39.984	ng		94
11) bis(2-Chloroethyl)ether	8.17	93	130471	32.655	ng	#	79
12) 1,3-Dichlorobenzene	8.67	146	182329	34.487	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	188965	34.989	ng		92
14) 1,2-Dichlorobenzene	9.15	146	180949	35.360	ng		96
15) Benzyl Alcohol	9.02	79	136034	38.029	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.30	45	136046	41.813	ng		80
17) 2-Methylphenol	9.22	107	135540	39.375	ng		97
18) Hexachloroethane	9.90	117	59948	36.650	ng		88
19) n-Nitroso-di-n-propylamine	9.60	70	99633	30.616	ng	#	84
20) 3+4-Methylphenols	9.55	107	183277	37.462	ng		93
22) Acetophenone	9.62	105	232877	36.440	ng	#	86
24) Nitrobenzene	10.03	77	150140	39.991	ng	#	82
25) Isophorone	10.55	82	280165	35.728	ng	#	85
26) 2-Nitrophenol	10.75	139	95062	48.293	ng	#	86
27) 2,4-Dimethylphenol	10.78	122	172570	41.662	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	185575	35.269	ng	#	91
29) 2,4-Dichlorophenol	11.29	162	198355	40.791	ng		89
30) 1,2,4-Trichlorobenzene	11.52	180	216519	36.467	ng		98
31) Naphthalene	11.72	128	493361	35.540	ng		99
32) Benzoic acid	10.90	122	95333	35.738	ng	#	81
33) 4-Chloroaniline	11.81	127	61319	9.922	ng	#	92
34) Hexachlorobutadiene	11.98	225	148385	36.403	ng		98
35) Caprolactam	12.57	113	58769	39.871	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	174737	38.908	ng	#	81
37) 2-Methylnaphthalene	13.28	142	402940	35.805	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	288887	38.633	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	384621	97.502	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	179211	41.568	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	193350	40.468	ng	#	90
45) 1,1'-Biphenyl	14.25	154	569721	37.574	ng		94
46) 2-Chloronaphthalene	14.30	162	431454	37.306	ng		97
47) 2-Nitroaniline	14.49	65	92310	46.214	ng	#	59
48) Acenaphthylene	15.14	152	647264	34.982	ng		99
49) Dimethylphthalate	14.84	163	553792	35.410	ng		99
50) 2,6-Dinitrotoluene	14.97	165	125120	43.488	ng	#	68
51) Acenaphthene	15.48	154	454274	37.488	ng		97
52) 3-Nitroaniline	15.30	138	51743	18.434	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	92102	75.798	ng	#	77
54) Dibenzofuran	15.81	168	674000	36.284	ng		97
55) 4-Nitrophenol	15.58	139	196618	86.062	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	176027	47.581	ng	#	62
57) Fluorene	16.45	166	535290	35.473	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.02	232	202336	43.406	ng	#	83
59) Diethylphthalate	16.18	149	537236	35.244	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	328169	35.543	ng		94
61) 4-Nitroaniline	16.45	138	100511	36.694	ng		85
62) Azobenzene	16.72	77	350045	35.807	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	79017	38.916	ng	#	69
65) n-Nitrosodiphenylamine	16.64	169	496324	34.056	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	232717	36.675	ng		95
67) Hexachlorobenzene	17.45	284	241928	37.296	ng	#	90
68) Atrazine	17.56	200	213342	37.647	ng		97
69) Pentachlorophenol	17.78	266	319671	71.649	ng		98
70) Phenanthrene	18.19	178	905972	36.483	ng		99
71) Anthracene	18.28	178	928483	37.065	ng		98
72) Carbazole	18.53	167	816266	36.816	ng		100
73) Di-n-butylphthalate	19.05	149	890920	36.157	ng		99
74) Fluoranthene	20.14	202	1145491	37.594	ng		96
76) Benzidine	20.30	184	199181	13.171	ng		98
77) Pyrene	20.50	202	1163252	37.169	ng		98
79) Butylbenzylphthalate	21.37	149	396017	37.694	ng	#	76
80) Benzo(a)anthracene	22.46	228	1160886	37.248	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	188675	15.614	ng		98
82) Chrysene	22.54	228	1082447	36.707	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	540523	35.512	ng	#	95
84) Di-n-octyl phthalate	23.70	149	920839	35.922	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1412982	37.350	ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1192366	36.907	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1177624	36.423	ng	#	97
89) Benzo(a)pyrene	26.03	252	1165299	37.661	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1174765	36.762	ng	#	94
91) Benzo(g,h,i)perylene	30.53	276	1412982	37.451	ng	#	93

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

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