Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032218\
Data File : BG033306.D
Acq On : 22 Mar 2018 22:21
Operator : SJ/JU
Sample : PB107545BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107545BS

Manual Integrations APPROVED
Sohil
3/23/2018 3:45:18 PM

Quant Time: Mar 23 11:57:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 17:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	36460	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	168844	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	134662	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	337727	20.00	ng		0.00
75) Chrysene-d12	22.60	240	330103	20.00	ng		0.00
86) Perylene-d12	26.39	264	356289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	297521	153.01	ng		0.00
7) Phenol-d6	7.99	99	471903	141.25	ng		0.00
23) Nitrobenzene-d5	10.09	82	299163	81.41	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	239997	119.16	ng		0.00
44) 2-Fluorobiphenyl	14.13	172	757712	81.23	ng		0.00
78) Terphenyl-d14	20.76	244	1315514	85.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	33748	34.177	ng		83
3) Pyridine	4.40	79	85187	31.208	ng		97
4) n-Nitrosodimethylamine	4.31	42	47130	42.073	ng	#	91
6) Aniline	8.19	93	50577	12.873	ng		93
8) 2-Chlorophenol	8.44	128	106603	47.957	ng		91
9) Benzaldehyde	7.99	77	31965m	15.055	ng		
10) Phenol	8.02	94	161321	48.907	ng		84
11) bis(2-Chloroethyl)ether	8.27	93	95023	35.294	ng		97
12) 1,3-Dichlorobenzene	8.78	146	101750	35.012	ng	#	96
13) 1,4-Dichlorobenzene	8.93	146	99956	34.343	ng		97
14) 1,2-Dichlorobenzene	9.26	146	105031	36.975	ng		97
15) Benzyl Alcohol	9.13	79	119669	45.495	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.42	45	171405	39.053	ng		90
17) 2-Methylphenol	9.32	107	105601m	46.996	ng		
18) Hexachloroethane	10.01	117	41035	36.530	ng		92
19) n-Nitroso-di-n-propylamine	9.70	70	99717	40.733	ng	#	95
20) 3+4-Methylphenols	9.66	107	148609	46.450	ng		92
22) Acetophenone	9.73	105	172786	37.353	ng	#	98
24) Nitrobenzene	10.14	77	149140	37.915	ng		95
25) Isophorone	10.65	82	292219	40.969	ng		99
26) 2-Nitrophenol	10.86	139	62863	42.212	ng	#	89
27) 2,4-Dimethylphenol	10.89	122	112297	51.907	ng		90
28) bis(2-Chloroethoxy)methane	11.13	93	154538	43.424	ng		95
29) 2,4-Dichlorophenol	11.40	162	127891	48.069	ng		95
30) 1,2,4-Trichlorobenzene	11.63	180	125736	36.374	ng		95
31) Naphthalene	11.83	128	334671	38.250	ng		99
32) Benzoic acid	10.98	122	20988m	10.436	ng		
33) 4-Chloroaniline	11.93	127	48415	12.351	ng	#	92
34) Hexachlorobutadiene	12.08	225	92307	35.312	ng		97
35) Caprolactam	12.66	113	41481	39.797	ng		96
36) 4-Chloro-3-methylphenol	12.98	107	158819	45.768	ng		90
37) 2-Methylnaphthalene	13.38	142	274468	40.416	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	178449	36.584	ng		98
40) Hexachlorocyclopentadiene	13.70	237	233601	81.693	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	121370	42.826	ng		94
43) 2,4,5-Trichlorophenol	14.03	196	141875	42.353	ng		97
45) 1,1'-Biphenyl	14.35	154	389350	37.634	ng		98
46) 2-Chloronaphthalene	14.40	162	303679	38.069	ng		98
47) 2-Nitroaniline	14.59	65	119313	39.933	ng		89
48) Acenaphthylene	15.24	152	492549	36.991	ng		98
49) Dimethylphthalate	14.93	163	442001	37.716	ng		98
50) 2,6-Dinitrotoluene	15.06	165	96064	40.089	ng		97
51) Acenaphthene	15.57	154	296206	34.508	ng		93
52) 3-Nitroaniline	15.41	138	47476	18.898	ng	#	94
53) 2,4-Dinitrophenol	15.61	184	11448	15.987	ng	#	66
54) Dibenzofuran	15.90	168	498748	39.336	ng		94
55) 4-Nitrophenol	15.69	139	125652	71.129	ng		91
56) 2,4-Dinitrotoluene	15.84	165	134936	38.245	ng		95
57) Fluorene	16.54	166	409367	37.899	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.11	232	128146	40.635	ng		95
59) Diethylphthalate	16.27	149	429522	37.745	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	241014	38.815	ng		99
61) 4-Nitroaniline	16.56	138	80846	31.778	ng	#	83
62) Azobenzene	16.81	77	431186	39.115	ng		96
64) 4,6-Dinitro-2-methylphenol	16.60	198	21944	10.861	ng		96
65) n-Nitrosodiphenylamine	16.73	169	375310	38.926	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	160842	40.552	ng		93
67) Hexachlorobenzene	17.54	284	159300	38.056	ng		96
68) Atrazine	17.65	200	152664	39.075	ng		100
69) Pentachlorophenol	17.88	266	131592	45.803	ng		96
70) Phenanthrene	18.28	178	675263	38.392	ng		99
71) Anthracene	18.37	178	698414	39.217	ng		100
72) Carbazole	18.63	167	601155	38.093	ng	#	97
73) Di-n-butylphthalate	19.12	149	708671	38.580	ng	#	99
74) Fluoranthene	20.23	202	850170	39.060	ng		98
76) Benzidine	20.40	184	179681	20.072	ng		99
77) Pyrene	20.59	202	855536	38.860	ng		99
79) Butylbenzylphthalate	21.45	149	313014	38.528	ng		94
80) Benzo(a)anthracene	22.57	228	822640	39.137	ng		99
81) 3,3'-Dichlorobenzidine	22.45	252	128482	17.177	ng		97
82) Chrysene	22.65	228	769245	37.806	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	427135	38.139	ng		99
84) Di-n-octyl phthalate	23.79	149	722926	42.159	ng		98
85) Indeno(1,2,3-cd)pyrene	30.80	276	889525	40.435	ng	#	88
87) Benzo(b)fluoranthene	25.17	252	785661	38.168	ng	#	96
88) Benzo(k)fluoranthene	25.25	252	805404	38.686	ng	#	97
89) Benzo(a)pyrene	26.21	252	782162	39.567	ng	#	97
90) Dibenzo(a,h)anthracene	30.87	278	744830	40.000	ng	#	96
91) Benzo(g,h,i)perylene	32.18	276	734115	39.814	ng	#	95

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

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