Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033748.D
Acq On : 11 Apr 2018 16:54
Operator : SJ/JU
Sample : PB108149BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB108149BS

Manual Integrations APPROVED
Sohil
4/12/2018 2:35:32 PM

Quant Time: Apr 12 01:43:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33372	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	145005	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	111817	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	296213	20.00	ng		0.00
75) Chrysene-d12	22.55	240	322060	20.00	ng		0.00
86) Perylene-d12	26.31	264	313102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	181494	101.98	ng		0.00
7) Phenol-d6	7.97	99	289887	94.80	ng		0.00
23) Nitrobenzene-d5	10.06	82	274403	86.94	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	138444	82.78	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	656022	84.70	ng		0.00
78) Terphenyl-d14	20.73	244	1211101	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	36148	39.995	ng		89
3) Pyridine	4.38	79	100245	40.123	ng		96
4) n-Nitrosodimethylamine	4.29	42	56503	55.108	ng	#	83
6) Aniline	8.15	93	100323	27.898	ng	#	92
8) 2-Chlorophenol	8.40	128	113028	55.553	ng		96
10) Phenol	7.99	94	170479	56.466	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	97606	39.608	ng		99
12) 1,3-Dichlorobenzene	8.74	146	111247	41.822	ng	#	91
13) 1,4-Dichlorobenzene	8.89	146	113696	42.679	ng		95
14) 1,2-Dichlorobenzene	9.22	146	117676	45.259	ng		93
15) Benzyl Alcohol	9.09	79	131380	54.569	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	206818	51.481	ng		90
17) 2-Methylphenol	9.29	107	104331	50.727	ng	#	89
18) Hexachloroethane	9.97	117	47686	46.379	ng		94
19) n-Nitroso-di-n-propylamine	9.66	70	106696	47.616	ng		94
20) 3+4-Methylphenols	9.63	107	151618	51.776	ng		89
22) Acetophenone	9.70	105	184543	46.453	ng	#	94
24) Nitrobenzene	10.10	77	157542	46.635	ng		94
25) Isophorone	10.61	82	314275	51.306	ng		100
26) 2-Nitrophenol	10.83	139	68153	53.287	ng	#	91
27) 2,4-Dimethylphenol	10.86	122	117989	63.504	ng		91
28) bis(2-Chloroethoxy)methane	11.10	93	160135	52.395	ng		100
29) 2,4-Dichlorophenol	11.37	162	128450	56.216	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	136712	46.052	ng		96
31) Naphthalene	11.79	128	371031	49.377	ng		98
32) Benzoic acid	11.00	122	52164	30.202	ng	#	86
33) 4-Chloroaniline	11.89	127	49955	14.839	ng		94
34) Hexachlorobutadiene	12.05	225	97277	43.331	ng		95
35) Caprolactam	12.63	113	47511	53.076	ng		93
36) 4-Chloro-3-methylphenol	12.95	107	163167	54.751	ng		92
37) 2-Methylnaphthalene	13.34	142	278303	47.718	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	176305	43.529	ng		99
40) Hexachlorocyclopentadiene	13.66	237	184213	77.583	ng		93
42) 2,4,6-Trichlorophenol	13.92	196	117677	50.006	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.00	196	137280	49.354	ng		96
45) 1,1'-Biphenyl	14.32	154	377840	43.983	ng		96
46) 2-Chloronaphthalene	14.37	162	300926	45.431	ng		95
47) 2-Nitroaniline	14.56	65	131690	53.080	ng		88
48) Acenaphthylene	15.20	152	499012	45.133	ng		99
49) Dimethylphthalate	14.90	163	449005	46.141	ng		99
50) 2,6-Dinitrotoluene	15.03	165	100277	50.397	ng		96
51) Acenaphthene	15.54	154	384876	53.999	ng		97
52) 3-Nitroaniline	15.38	138	63468	30.425	ng	#	91
53) 2,4-Dinitrophenol	15.57	184	113437	107.215	ng	#	74
54) Dibenzofuran	15.87	168	505268	47.992	ng	#	90
55) 4-Nitrophenol	15.66	139	161880	110.359	ng		87
56) 2,4-Dinitrotoluene	15.81	165	146461	49.992	ng		94
57) Fluorene	16.51	166	424733	47.355	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	132842	50.731	ng		98
59) Diethylphthalate	16.24	149	449988	47.622	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	236932	45.954	ng		99
61) 4-Nitroaniline	16.53	138	101853	48.215	ng	#	83
62) Azobenzene	16.78	77	444525	48.564	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	84974	47.953	ng		97
65) n-Nitrosodiphenylamine	16.69	169	396630	46.903	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	158411	45.537	ng	#	88
67) Hexachlorobenzene	17.51	284	163128	44.433	ng		93
68) Atrazine	17.61	200	120250	35.092	ng		98
69) Pentachlorophenol	17.85	266	200376	79.519	ng		98
70) Phenanthrene	18.25	178	734758	47.629	ng		98
71) Anthracene	18.34	178	744392	47.656	ng		99
72) Carbazole	18.60	167	680175	49.140	ng		97
73) Di-n-butylphthalate	19.09	149	818094	50.779	ng	#	98
74) Fluoranthene	20.20	202	964768	50.537	ng		98
76) Benzidine	20.37	184	104622	11.979	ng		97
77) Pyrene	20.56	202	997067	46.419	ng		98
79) Butylbenzylphthalate	21.41	149	380721	48.032	ng		98
80) Benzo(a)anthracene	22.53	228	954670	46.552	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	241215	33.054	ng		98
82) Chrysene	22.61	228	905915	45.635	ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	518609	47.463	ng		99
84) Di-n-octyl phthalate	23.74	149	909456	54.361	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	1090988	50.831	ng	#	95
87) Benzo(b)fluoranthene	25.11	252	933067	51.581	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	942777m	51.531	ng		
89) Benzo(a)pyrene	26.14	252	929700	53.518	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	919697	56.204	ng		97
91) Benzo(g,h,i)perylene	32.07	276	897077	55.362	ng	#	95

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

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