Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033789.D
Acq On : 13 Apr 2018 1:35
Operator : SJ/JU
Sample : PB108178BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 13 03:39:31 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

Instrument :
BNA_G
ClientSampleId :
PB108178BS

Manual Integrations APPROVED
Sohil
4/13/2018 4:45:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29098	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	133662	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	106306	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	291255	20.00	ng		0.00
75) Chrysene-d12	22.55	240	315392	20.00	ng		0.00
86) Perylene-d12	26.31	264	340671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	274340	176.79	ng		0.00
7) Phenol-d6	7.97	99	421124	157.94	ng		0.00
23) Nitrobenzene-d5	10.06	82	270812	93.09	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	219549	138.09	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	658365	89.41	ng		0.00
78) Terphenyl-d14	20.73	244	1363652	92.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	33778	42.862	ng	#	86
3) Pyridine	4.39	79	91452	41.980	ng		98
4) n-Nitrosodimethylamine	4.29	42	45186	50.543	ng	#	75
6) Aniline	8.17	93	73188	23.341	ng		95
8) 2-Chlorophenol	8.41	128	94197	53.098	ng		91
9) Benzaldehyde	7.96	77	65602	38.716	ng		95
10) Phenol	8.00	94	139650	53.049	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	111399	51.845	ng		90
12) 1,3-Dichlorobenzene	8.74	146	103052	44.431	ng		97
13) 1,4-Dichlorobenzene	8.89	146	98271	42.307	ng		96
14) 1,2-Dichlorobenzene	9.22	146	100968	44.537	ng		96
15) Benzyl Alcohol	9.09	79	60505	28.822	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.37	45	174056	49.690	ng		86
17) 2-Methylphenol	9.29	107	82633	46.078	ng	#	88
18) Hexachloroethane	9.97	117	41058	45.798	ng		93
19) n-Nitroso-di-n-propylamine	9.66	70	89821	45.973	ng		89
20) 3+4-Methylphenols	9.63	107	120503	47.194	ng		91
22) Acetophenone	9.70	105	154677	42.240	ng	#	96
24) Nitrobenzene	10.10	77	138279	44.407	ng		90
25) Isophorone	10.61	82	230679	40.854	ng	#	98
26) 2-Nitrophenol	10.83	139	53314	45.223	ng	#	69
27) 2,4-Dimethylphenol	10.86	122	86111	50.280	ng		93
28) bis(2-Chloroethoxy)methane	11.10	93	119181	42.304	ng		96
29) 2,4-Dichlorophenol	11.37	162	108634	51.578	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	108927	39.806	ng	#	91
31) Naphthalene	11.79	128	282257	40.751	ng		96
32) Benzoic acid	10.98	122	24195m	15.197	ng		
33) 4-Chloroaniline	11.94	127	51716	16.665	ng		96
34) Hexachlorobutadiene	12.05	225	84509	40.838	ng		89
35) Caprolactam	12.62	113	42076	50.993	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	128123	46.641	ng		94
37) 2-Methylnaphthalene	13.34	142	208976	38.872	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	146498	38.045	ng		98
40) Hexachlorocyclopentadiene	13.66	237	173802	76.993	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	97254	43.470	ng		89
43) 2,4,5-Trichlorophenol	14.00	196	113541	42.936	ng		96
45) 1,1'-Biphenyl	14.32	154	337744	41.353	ng		98
46) 2-Chloronaphthalene	14.37	162	263927	41.911	ng		95
47) 2-Nitroaniline	14.56	65	113644	48.181	ng		89
48) Acenaphthylene	15.20	152	435163	41.399	ng		97
49) Dimethylphthalate	14.90	163	388862	42.032	ng		99
50) 2,6-Dinitrotoluene	15.03	165	87413	46.209	ng		98
51) Acenaphthene	15.54	154	321608	47.462	ng		98
52) 3-Nitroaniline	15.38	138	58457	29.476	ng	#	95
53) 2,4-Dinitrophenol	15.57	184	92847	93.367	ng	#	71
54) Dibenzofuran	15.87	168	441624	44.122	ng		91
55) 4-Nitrophenol	15.66	139	125208	89.783	ng	#	80
56) 2,4-Dinitrotoluene	15.81	165	127864	45.907	ng		98
57) Fluorene	16.51	166	349041	40.933	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	113171	45.459	ng	#	98
59) Diethylphthalate	16.24	149	395598	44.036	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	210349	42.913	ng		96
61) 4-Nitroaniline	16.52	138	59693	29.722	ng	#	81
62) Azobenzene	16.78	77	393723	45.244	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	79251	45.485	ng		96
65) n-Nitrosodiphenylamine	16.70	169	351451	42.268	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	143626	41.989	ng		95
67) Hexachlorobenzene	17.51	284	151762	42.040	ng		97
68) Atrazine	17.62	200	142610	42.325	ng		96
69) Pentachlorophenol	17.85	266	187393	75.633	ng		100
70) Phenanthrene	18.25	178	611618	40.321	ng		99
71) Anthracene	18.34	178	624340	40.651	ng		99
72) Carbazole	18.60	167	622970	45.773	ng		96
73) Di-n-butylphthalate	19.09	149	716684	45.242	ng	#	99
74) Fluoranthene	20.20	202	812394	43.279	ng		97
76) Benzidine	20.37	184	232743	27.212	ng	#	96
77) Pyrene	20.56	202	841492	40.005	ng		100
79) Butylbenzylphthalate	21.41	149	332717	42.863	ng		98
80) Benzo(a)anthracene	22.53	228	809495	40.308	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	246054	34.430	ng		95
82) Chrysene	22.61	228	786209	40.442	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	458595	42.858	ng		99
84) Di-n-octyl phthalate	23.74	149	780682	47.650	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	887666	42.233	ng	#	88
87) Benzo(b)fluoranthene	25.10	252	773895	39.320	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	795493	39.962	ng	#	96
89) Benzo(a)pyrene	26.13	252	773102	40.902	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	734440	41.251	ng		95
91) Benzo(g,h,i)perylene	32.07	276	724839	41.113	ng	#	94

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

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