Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035613.D
Acq On : 13 Jul 2018 3:01
Operator : JU/SJ
Sample : PB111040BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111040BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:36 PM

Quant Time: Jul 13 05:02:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47574	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	195035	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	142555	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	379603	20.00	ng		0.00
75) Chrysene-d12	21.69	240	392892	20.00	ng		0.00
86) Perylene-d12	24.91	264	383792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	432990	151.10	ng		0.00
7) Phenol-d6	7.22	99	664869	155.51	ng		0.00
23) Nitrobenzene-d5	9.22	82	432166	92.57	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	283258	150.75	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	962932	90.50	ng		0.00
78) Terphenyl-d14	20.02	244	1645099	92.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	43603	29.897	ng	#	78
3) Pyridine	3.94	79	135515	35.592	ng	#	78
4) n-Nitrosodimethylamine	3.86	42	65229	39.900	ng	#	80
6) Aniline	7.38	93	221705	40.009	ng		97
8) 2-Chlorophenol	7.63	128	150269	51.562	ng		97
9) Benzaldehyde	7.19	77	103598	39.492	ng		97
10) Phenol	7.25	94	232789	53.895	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	150973	44.632	ng		90
12) 1,3-Dichlorobenzene	7.95	146	151911	43.164	ng	#	95
13) 1,4-Dichlorobenzene	8.09	146	150560	42.105	ng		100
14) 1,2-Dichlorobenzene	8.41	146	152790	44.478	ng		97
15) Benzyl Alcohol	8.29	79	191040	49.207	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179152	63.172	ng		81
17) 2-Methylphenol	8.50	107	156975	53.453	ng	#	87
18) Hexachloroethane	9.14	117	57658	42.171	ng	#	85
19) n-Nitroso-di-n-propylamine	8.86	70	151594	42.108	ng	#	86
20) 3+4-Methylphenols	8.83	107	217299	53.338	ng		92
22) Acetophenone	8.88	105	263893	43.511	ng	#	91
24) Nitrobenzene	9.26	77	218115	46.454	ng		93
25) Isophorone	9.78	82	438531	50.599	ng		99
26) 2-Nitrophenol	9.97	139	85990	51.567	ng	#	92
27) 2,4-Dimethylphenol	10.03	122	168589	59.726	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	226942	47.521	ng		98
29) 2,4-Dichlorophenol	10.51	162	181560	56.348	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	179924	45.538	ng		98
31) Naphthalene	10.91	128	464022	45.673	ng		98
32) Benzoic acid	10.18	122	74267	39.084	ng		97
33) 4-Chloroaniline	11.02	127	108316	24.462	ng	#	91
34) Hexachlorobutadiene	11.19	225	136401	44.272	ng		99
35) Caprolactam	11.81	113	63958m	46.255	ng		
36) 4-Chloro-3-methylphenol	12.14	107	223045	51.643	ng		93
37) 2-Methylnaphthalene	12.51	142	377865	49.923	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252552	46.938	ng		98
40) Hexachlorocyclopentadiene	12.86	237	342623	121.421	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	165235	52.513	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	179312	50.940	ng		95
45) 1,1'-Biphenyl	13.51	154	526782	47.663	ng		98
46) 2-Chloronaphthalene	13.56	162	403998	46.994	ng		98
47) 2-Nitroaniline	13.76	65	150094	49.385	ng		99
48) Acenaphthylene	14.40	152	677743	47.063	ng		98
49) Dimethylphthalate	14.13	163	564113	45.165	ng		99
50) 2,6-Dinitrotoluene	14.25	165	127574	50.159	ng		93
51) Acenaphthene	14.74	154	398265	44.396	ng		98
52) 3-Nitroaniline	14.58	138	78927	30.362	ng	#	91
53) 2,4-Dinitrophenol	14.79	184	101718	77.954	ng	#	63
54) Dibenzofuran	15.08	168	661505	46.366	ng		93
55) 4-Nitrophenol	14.90	139	196278	106.022	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	186590	51.136	ng		92
57) Fluorene	15.72	166	546777	45.726	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	187026	55.415	ng		94
59) Diethylphthalate	15.49	149	572602	44.585	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	315195	44.848	ng		96
61) 4-Nitroaniline	15.75	138	131212	48.253	ng	#	75
62) Azobenzene	16.01	77	606187	47.852	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	89086	42.159	ng		93
65) n-Nitrosodiphenylamine	15.93	169	492104	45.544	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	211855	48.105	ng		95
67) Hexachlorobenzene	16.73	284	217498	47.956	ng		95
68) Atrazine	16.88	200	223742	50.294	ng		97
69) Pentachlorophenol	17.07	266	239233	86.602	ng		97
70) Phenanthrene	17.46	178	878934	46.403	ng		97
71) Anthracene	17.56	178	907639	48.124	ng		99
72) Carbazole	17.82	167	820232	45.793	ng		98
73) Di-n-butylphthalate	18.37	149	933764	44.115	ng	#	98
74) Fluoranthene	19.47	202	1144451	44.856	ng		96
76) Benzidine	19.65	184	501855	48.586	ng		99
77) Pyrene	19.83	202	1144921	46.086	ng		97
79) Butylbenzylphthalate	20.71	149	418562	47.114	ng	#	97
80) Benzo(a)anthracene	21.67	228	1149535	46.950	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	263477	30.863	ng		96
82) Chrysene	21.74	228	1073225	47.302	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	567099	46.954	ng	#	98
84) Di-n-octyl phthalate	22.78	149	957291	47.338	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.58	276	1236539	49.226	ng	#	94
87) Benzo(b)fluoranthene	23.89	252	1093686	46.885	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	1056776	46.339	ng	#	96
89) Benzo(a)pyrene	24.76	252	1071925	49.394	ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	1018927	47.825	ng		97
91) Benzo(g,h,i)perylene	29.73	276	1037078	49.744	ng	#	94

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

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