Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030924.D
Acq On : 11 Nov 2017 2:07
Operator : SJ/JU
Sample : PB104149BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104149BS

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:11 PM

Quant Time: Nov 11 06:20:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44300	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	195544	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	137298	20.00	ng		-0.01
63) Phenanthrene-d10	17.51	188	368681	20.00	ng		0.00
75) Chrysene-d12	21.78	240	455668	20.00	ng		0.00
86) Perylene-d12	25.09	264	461986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	284543	110.14	ng		0.00
7) Phenol-d6	7.31	99	369199	106.08	ng		0.00
23) Nitrobenzene-d5	9.31	82	215863	65.41	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	225159	101.38	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	641275	67.11	ng		-0.01
78) Terphenyl-d14	20.09	244	1296871	62.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	34267	32.685	ng		85
3) Pyridine	3.96	79	97481	32.028	ng		92
4) n-Nitrosodimethylamine	3.87	42	48764	33.806	ng	#	94
6) Aniline	7.46	93	71337	15.574	ng		97
8) 2-Chlorophenol	7.71	128	112940	39.614	ng		90
9) Benzaldehyde	7.28	77	58049	23.834	ng		90
10) Phenol	7.34	94	144295	39.921	ng		93
11) bis(2-Chloroethyl)ether	7.55	93	98259	34.047	ng		91
12) 1,3-Dichlorobenzene	8.03	146	120055	35.891	ng		97
13) 1,4-Dichlorobenzene	8.18	146	120331	35.500	ng		97
14) 1,2-Dichlorobenzene	8.50	146	116369	35.769	ng		97
15) Benzyl Alcohol	8.38	79	100811	36.110	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	152608	47.873	ng		94
17) 2-Methylphenol	8.59	107	99761	39.635	ng		96
18) Hexachloroethane	9.23	117	41438	35.125	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	82843	31.305	ng	#	93
20) 3+4-Methylphenols	8.92	107	137246	38.347	ng		92
22) Acetophenone	8.97	105	163150	33.509	ng	#	93
24) Nitrobenzene	9.35	77	123888	36.752	ng		94
25) Isophorone	9.87	82	230568	35.826	ng	#	92
26) 2-Nitrophenol	10.07	139	66196	37.674	ng		89
27) 2,4-Dimethylphenol	10.12	122	112201	43.013	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	145247	35.833	ng		97
29) 2,4-Dichlorophenol	10.61	162	131374	41.941	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	136349	36.459	ng		95
31) Naphthalene	11.01	128	340493	35.421	ng		99
32) Benzoic acid	10.27	122	58968	29.602	ng	#	81
33) 4-Chloroaniline	11.12	127	43732	10.392	ng		94
34) Hexachlorobutadiene	11.29	225	91731	35.368	ng		97
35) Caprolactam	11.88	113	46816m	36.587	ng		
36) 4-Chloro-3-methylphenol	12.24	107	132066	38.738	ng	#	85
37) 2-Methylnaphthalene	12.61	142	271170	36.542	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	174083	31.946	ng		96
40) Hexachlorocyclopentadiene	12.95	237	157224	78.276	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	118884	38.163	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	128403	37.673	ng		92
45) 1,1'-Biphenyl	13.60	154	372818	32.746	ng		98
46) 2-Chloronaphthalene	13.65	162	298378	36.323	ng		96
47) 2-Nitroaniline	13.85	65	87028	35.744	ng	#	86
48) Acenaphthylene	14.49	152	464639	34.559	ng		99
49) Dimethylphthalate	14.21	163	411659	34.677	ng		100
50) 2,6-Dinitrotoluene	14.33	165	92147	37.659	ng	#	82
51) Acenaphthene	14.83	154	285940	34.054	ng		100
52) 3-Nitroaniline	14.67	138	32894	12.661	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	108520	80.571	ng	#	52
54) Dibenzofuran	15.16	168	481650	36.012	ng		99
55) 4-Nitrophenol	14.99	139	142093	76.776	ng	#	81
56) 2,4-Dinitrotoluene	15.13	165	134449	38.008	ng	#	72
57) Fluorene	15.81	166	386813	35.624	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	131117	40.363	ng	#	89
59) Diethylphthalate	15.56	149	419781	34.812	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	232142	35.399	ng		93
61) 4-Nitroaniline	15.83	138	95892	34.855	ng		91
62) Azobenzene	16.08	77	332983	36.208	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	78910	32.200	ng		78
65) n-Nitrosodiphenylamine	16.01	169	362943	32.487	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	162855	34.876	ng		94
67) Hexachlorobenzene	16.81	284	172466	34.760	ng	#	94
68) Atrazine	16.95	200	159841	34.677	ng		97
69) Pentachlorophenol	17.16	266	181632	66.226	ng		100
70) Phenanthrene	17.55	178	677175	35.277	ng		100
71) Anthracene	17.64	178	697372	36.256	ng		99
72) Carbazole	17.91	167	650703	36.105	ng		99
73) Di-n-butylphthalate	18.44	149	767179	34.669	ng		100
74) Fluoranthene	19.54	202	921459	37.912	ng		98
76) Benzidine	19.72	184	236135	16.133	ng		100
77) Pyrene	19.90	202	959392	35.482	ng		99
79) Butylbenzylphthalate	20.77	149	374556	34.742	ng	#	84
80) Benzo(a)anthracene	21.75	228	999049	35.297	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	154628	13.534	ng		98
82) Chrysene	21.82	228	940795	35.932	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	524680	33.715	ng	#	99
84) Di-n-octyl phthalate	22.87	149	886986	35.018	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1138872	35.780	ng		96
87) Benzo(b)fluoranthene	24.03	252	1016891	36.388	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	977331	35.283	ng		97
89) Benzo(a)pyrene	24.93	252	970277	36.548	ng		98
90) Dibenzo(a,h)anthracene	28.93	278	959476	35.360	ng		97
91) Benzo(g,h,i)perylene	30.06	276	946784	35.950	ng		96

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

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