Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033891.D
Acq On : 20 Apr 2018 18:14
Operator : SJ/JU
Sample : PB108385BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Manual Integrations APPROVED
Sohil
4/23/2018 2:29:47 PM

Quant Time: Apr 21 05:38:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	72025	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	309780	20.00	ng		0.00
38) Acenaphthene-d10	14.47	164	205751	20.00	ng		0.00
63) Phenanthrene-d10	17.22	188	498068	20.00	ng		0.00
75) Chrysene-d12	21.48	240	490767	20.00	ng		0.00
86) Perylene-d12	24.54	264	503199	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	557927	123.67	ng		0.00
7) Phenol-d6	7.01	99	738229	112.19	ng		0.00
23) Nitrobenzene-d5	8.98	82	433568	79.65	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	291863	121.59	ng		0.00
44) 2-Fluorobiphenyl	13.09	172	1087409	77.64	ng		0.00
78) Terphenyl-d14	19.86	244	1702492	77.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	64759	33.971	ng	#	87
3) Pyridine	3.80	79	176671	32.032	ng		96
4) n-Nitrosodimethylamine	3.72	42	91816	36.539	ng	#	89
6) Aniline	7.16	93	104414	11.871	ng		98
8) 2-Chlorophenol	7.40	128	184816	36.561	ng		94
9) Benzaldehyde	6.98	77	113983	30.683	ng		94
10) Phenol	7.03	94	245039	36.352	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	170038	32.981	ng		98
12) 1,3-Dichlorobenzene	7.73	146	195559	33.606	ng		98
13) 1,4-Dichlorobenzene	7.87	146	195565	33.181	ng		98
14) 1,2-Dichlorobenzene	8.19	146	185185	32.309	ng		96
15) Benzyl Alcohol	8.07	79	184576	32.169	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.37	45	305674	30.399	ng		98
17) 2-Methylphenol	8.27	107	164581	32.947	ng		97
18) Hexachloroethane	8.91	117	72105	33.479	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	156573	27.915	ng		96
20) 3+4-Methylphenols	8.60	107	231076	31.836	ng		94
22) Acetophenone	8.65	105	274480	32.555	ng	#	98
24) Nitrobenzene	9.03	77	214630	36.184	ng		94
25) Isophorone	9.55	82	411147	33.595	ng		96
26) 2-Nitrophenol	9.73	139	92475	39.456	ng		96
27) 2,4-Dimethylphenol	9.79	122	187472	42.764	ng		94
28) bis(2-Chloroethoxy)methane	10.04	93	239395	37.013	ng		97
29) 2,4-Dichlorophenol	10.26	162	199493	40.822	ng		92
30) 1,2,4-Trichlorobenzene	10.48	180	190635	34.829	ng		98
31) Naphthalene	10.67	128	548269	34.417	ng		99
32) Benzoic acid	9.93	122	136908	33.099	ng	#	88
33) 4-Chloroaniline	10.78	127	58985	7.878	ng		97
34) Hexachlorobutadiene	10.96	225	116971	35.723	ng		98
35) Caprolactam	11.55	113	75812m	36.488	ng		
36) 4-Chloro-3-methylphenol	11.90	107	220731	37.007	ng		92
37) 2-Methylnaphthalene	12.28	142	417603	34.240	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	238358	34.888	ng		97
40) Hexachlorocyclopentadiene	12.63	237	298576	79.480	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	167028	40.097	ng		97
43) 2,4,5-Trichlorophenol	12.96	196	182135	38.032	ng		93
45) 1,1'-Biphenyl	13.30	154	566791	34.030	ng		98
46) 2-Chloronaphthalene	13.34	162	428983	33.969	ng		99
47) 2-Nitroaniline	13.54	65	143784	36.464	ng		93
48) Acenaphthylene	14.19	152	694088	33.064	ng		99
49) Dimethylphthalate	13.93	163	593643	32.800	ng		99
50) 2,6-Dinitrotoluene	14.04	165	127739	37.243	ng		90
51) Acenaphthene	14.53	154	430957	32.680	ng		98
52) 3-Nitroaniline	14.37	138	38164	10.247	ng	#	86
53) 2,4-Dinitrophenol	14.58	184	119573	97.482	ng	#	55
54) Dibenzofuran	14.87	168	680786	34.821	ng		96
55) 4-Nitrophenol	14.68	139	232394	79.561	ng		89
56) 2,4-Dinitrotoluene	14.83	165	176796	38.762	ng		86
57) Fluorene	15.52	166	564260	33.352	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	174308	39.752	ng		99
59) Diethylphthalate	15.31	149	608301	31.797	ng		98
60) 4-Chlorophenyl-phenylether	15.52	204	304194	34.376	ng		96
61) 4-Nitroaniline	15.54	138	132698	33.557	ng		94
62) Azobenzene	15.81	77	562479	32.984	ng		99
64) 4,6-Dinitro-2-methylphenol	15.59	198	83038	36.431	ng		93
65) n-Nitrosodiphenylamine	15.73	169	503817	34.793	ng		98
66) 4-Bromophenyl-phenylether	16.42	248	194987	35.648	ng		95
67) Hexachlorobenzene	16.52	284	197126	33.793	ng	#	73
68) Atrazine	16.69	200	210076	37.032	ng		97
69) Pentachlorophenol	16.86	266	266761	66.576	ng	#	57
70) Phenanthrene	17.26	178	918381	34.371	ng		99
71) Anthracene	17.35	178	940295	35.190	ng		99
72) Carbazole	17.62	167	861412	33.416	ng		97
73) Di-n-butylphthalate	18.21	149	1044245	32.562	ng		99
74) Fluoranthene	19.28	202	1121094	34.686	ng		96
76) Benzidine	19.47	184	238284	17.980	ng		99
77) Pyrene	19.64	202	1112671	34.567	ng		96
79) Butylbenzylphthalate	20.56	149	477597	33.786	ng		92
80) Benzo(a)anthracene	21.46	228	1089064	35.192	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	183290	15.885	ng		99
82) Chrysene	21.52	228	1022993	34.617	ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	680961	34.110	ng		96
84) Di-n-octyl phthalate	22.59	149	1163357	36.714	ng		100
85) Indeno(1,2,3-cd)pyrene	28.01	276	1238134	36.807	ng	#	90
87) Benzo(b)fluoranthene	23.58	252	1104391	35.976	ng		99
88) Benzo(k)fluoranthene	23.64	252	1058138	34.701	ng		97
89) Benzo(a)pyrene	24.40	252	1062034	36.124	ng		99
90) Dibenzo(a,h)anthracene	28.09	278	1023530	35.979	ng		97
91) Benzo(g,h,i)perylene	29.09	276	1024877	36.613	ng		98

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

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