Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
Data File : BG031984.D
Acq On : 11 Jan 2018 15:08
Operator : SJ/JU
Sample : PB105570BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105570BS

Manual Integrations APPROVED
Sohil
1/12/2018 10:39:19 AM

Quant Time: Jan 11 15:46:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 15:23:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	80109	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	330357	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	223682	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	524742	20.00	ng		0.00
75) Chrysene-d12	22.48	240	568567	20.00	ng		0.00
86) Perylene-d12	26.20	264	606736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	489951	111.40	ng		0.00
7) Phenol-d6	7.89	99	621568	108.85	ng		0.00
23) Nitrobenzene-d5	9.98	82	349212	79.82	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	370440	108.54	ng		0.00
44) 2-Fluorobiphenyl	14.04	172	1194453	67.02	ng		0.00
78) Terphenyl-d14	20.67	244	1813640	72.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	44904	27.542	ng	#	74
3) Pyridine	4.31	79	126096	28.934	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	56917	32.365	ng	#	80
6) Aniline	8.07	93	105082	14.303	ng		94
8) 2-Chlorophenol	8.33	128	187478	36.747	ng	#	82
9) Benzaldehyde	7.88	77	33665	9.791	ng		84
10) Phenol	7.92	94	208581	36.179	ng		94
11) bis(2-Chloroethyl)ether	8.16	93	146187	30.532	ng		84
12) 1,3-Dichlorobenzene	8.66	146	205579m	32.448	ng		
13) 1,4-Dichlorobenzene	8.82	146	209687	32.399	ng		94
14) 1,2-Dichlorobenzene	9.15	146	199973	32.609	ng		99
15) Benzyl Alcohol	9.01	79	150191	35.036	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.30	45	156735	40.198	ng		81
17) 2-Methylphenol	9.21	107	149414	36.221	ng		97
18) Hexachloroethane	9.90	117	67098	34.231	ng	#	81
19) n-Nitroso-di-n-propylamine	9.59	70	116324	29.828	ng	#	83
20) 3+4-Methylphenols	9.55	107	204900	34.949	ng		95
22) Acetophenone	9.62	105	256380	33.404	ng	#	86
24) Nitrobenzene	10.02	77	169267	37.540	ng	#	85
25) Isophorone	10.54	82	320242	34.004	ng	#	85
26) 2-Nitrophenol	10.75	139	107450	45.451	ng	#	83
27) 2,4-Dimethylphenol	10.78	122	193073	38.811	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	207817	32.886	ng	#	94
29) 2,4-Dichlorophenol	11.29	162	221580	37.941	ng		89
30) 1,2,4-Trichlorobenzene	11.51	180	241296	33.839	ng		98
31) Naphthalene	11.71	128	551951	33.106	ng		98
32) Benzoic acid	10.90	122	110495	34.723	ng	#	77
33) 4-Chloroaniline	11.81	127	100927	13.597	ng	#	91
34) Hexachlorobutadiene	11.98	225	170475	34.823	ng		96
35) Caprolactam	12.57	113	63671	35.967	ng	#	43
36) 4-Chloro-3-methylphenol	12.88	107	193653	35.903	ng	#	83
37) 2-Methylnaphthalene	13.28	142	454454	33.624	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	317503	33.699	ng		98
40) Hexachlorocyclopentadiene	13.61	237	433912	87.301	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	199047	36.642	ng		97
43) 2,4,5-Trichlorophenol	13.93	196	213670	35.494	ng	#	90
45) 1,1'-Biphenyl	14.25	154	643257	33.670	ng		95
46) 2-Chloronaphthalene	14.30	162	483052	33.149	ng		96
47) 2-Nitroaniline	14.49	65	105329	41.851	ng	#	69
48) Acenaphthylene	15.14	152	718316	30.812	ng		98
49) Dimethylphthalate	14.84	163	616382	31.280	ng		99
50) 2,6-Dinitrotoluene	14.97	165	139187	38.396	ng	#	66
51) Acenaphthene	15.47	154	517593	33.900	ng		98
52) 3-Nitroaniline	15.30	138	74533	21.074	ng	#	70
53) 2,4-Dinitrophenol	15.50	184	128588	83.165	ng	#	65
54) Dibenzofuran	15.80	168	756919	32.341	ng		98
55) 4-Nitrophenol	15.58	139	201414	69.970	ng	#	76
56) 2,4-Dinitrotoluene	15.74	165	196623	42.182	ng	#	63
57) Fluorene	16.45	166	593598	31.220	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	219178	37.317	ng	#	84
59) Diethylphthalate	16.18	149	590707	30.756	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	365878	31.451	ng		92
61) 4-Nitroaniline	16.45	138	117820	34.138	ng	#	81
62) Azobenzene	16.72	77	394856	32.057	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	99323	40.481	ng	#	66
65) n-Nitrosodiphenylamine	16.64	169	552508	31.702	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	262121	34.544	ng		93
67) Hexachlorobenzene	17.44	284	265987	34.290	ng	#	89
68) Atrazine	17.56	200	236722	34.932	ng		98
69) Pentachlorophenol	17.78	266	345381	64.733	ng		98
70) Phenanthrene	18.18	178	962389	32.408	ng		99
71) Anthracene	18.28	178	990162	33.054	ng		99
72) Carbazole	18.53	167	860447	32.453	ng		99
73) Di-n-butylphthalate	19.04	149	942628	31.991	ng		99
74) Fluoranthene	20.14	202	1203104	33.018	ng		95
76) Benzidine	20.30	184	291509	16.611	ng		98
77) Pyrene	20.50	202	1209272	33.296	ng		97
79) Butylbenzylphthalate	21.36	149	422307	34.638	ng	#	77
80) Benzo(a)anthracene	22.46	228	1207466	33.386	ng		100
81) 3,3'-Dichlorobenzidine	22.35	252	254468	18.147	ng	#	93
82) Chrysene	22.54	228	1137691	33.246	ng		99
83) Bis(2-ethylhexyl)phthalate	22.30	149	573230	32.453	ng	#	96
84) Di-n-octyl phthalate	23.69	149	967923	32.538	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.51	276	1465233	33.376	ng	#	87
87) Benzo(b)fluoranthene	25.00	252	1258222	33.408	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1222786	32.442	ng	#	96
89) Benzo(a)pyrene	26.03	252	1219128	33.799	ng	#	98
90) Dibenzo(a,h)anthracene	30.60	278	1215026	32.616	ng	#	95
91) Benzo(g,h,i)perylene	30.51	276	1465233	33.314	ng	#	93

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

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