Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031715.D
Acq On : 22 Dec 2017 17:32
Operator : SJ/JU
Sample : PB105237BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105237BS

Quant Time: Dec 23 01:08:16 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	52318	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	216928	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	147947	20.00	ng		0.00
63) Phenanthrene-d10	18.19	188	370108	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	427190	20.00	ng		-0.02
86) Perylene-d12	26.34	264	478212	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	381991	132.99	ng		0.00
7) Phenol-d6	7.92	99	491965	131.92	ng		0.00
23) Nitrobenzene-d5	10.03	82	255890	89.07	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	333200	147.60	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	986821	83.72	ng		-0.01
78) Terphenyl-d14	20.73	244	1722385	92.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	31964	30.019	ng	#	71
3) Pyridine	4.35	79	93631	32.897	ng	#	75
4) n-Nitrosodimethylamine	4.25	42	42339	36.864	ng	#	90
6) Aniline	8.12	93	82529	17.200	ng		92
8) 2-Chlorophenol	8.37	128	143114	42.952	ng	#	82
9) Benzaldehyde	7.92	77	49993	22.263	ng		81
10) Phenol	7.95	94	164249	43.623	ng		92
11) bis(2-Chloroethyl)ether	8.21	93	111992	35.815	ng	#	78
12) 1,3-Dichlorobenzene	8.71	146	154442	37.325	ng	#	93
13) 1,4-Dichlorobenzene	8.86	146	158831	37.578	ng		94
14) 1,2-Dichlorobenzene	9.20	146	151169	37.745	ng		96
15) Benzyl Alcohol	9.06	79	115076	41.104	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.36	45	115790	45.471	ng		81
17) 2-Methylphenol	9.26	107	116204	43.134	ng		95
18) Hexachloroethane	9.96	117	49666	38.797	ng	#	84
19) n-Nitroso-di-n-propylamine	9.64	70	89961	35.321	ng	#	83
20) 3+4-Methylphenols	9.59	107	159699	41.709	ng		94
22) Acetophenone	9.67	105	201676	40.016	ng	#	86
24) Nitrobenzene	10.07	77	125253	42.304	ng	#	81
25) Isophorone	10.60	82	252790	40.877	ng	#	83
26) 2-Nitrophenol	10.80	139	77566	49.966	ng	#	85
27) 2,4-Dimethylphenol	10.83	122	156809	48.003	ng		89
28) bis(2-Chloroethoxy)methane	11.08	93	163600	39.426	ng	#	96
29) 2,4-Dichlorophenol	11.34	162	174458	45.492	ng		90
30) 1,2,4-Trichlorobenzene	11.57	180	182950	39.072	ng		98
31) Naphthalene	11.77	128	429383	39.221	ng		100
32) Benzoic acid	10.95	122	100328	45.451	ng	#	81
33) 4-Chloroaniline	11.85	127	66925	13.731	ng	#	89
34) Hexachlorobutadiene	12.04	225	124406	38.700	ng		97
35) Caprolactam	12.61	113	54642	47.007	ng	#	51
36) 4-Chloro-3-methylphenol	12.92	107	159311	44.981	ng	#	80
37) 2-Methylnaphthalene	13.32	142	364344	41.053	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	253282	40.644	ng	#	98
40) Hexachlorocyclopentadiene	13.65	237	325171	98.913	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	164141	45.685	ng		99
43) 2,4,5-Trichlorophenol	13.98	196	182046	45.721	ng	#	91
45) 1,1'-Biphenyl	14.30	154	522975	41.387	ng		95
46) 2-Chloronaphthalene	14.35	162	397662	41.259	ng		94
47) 2-Nitroaniline	14.53	65	80283	48.229	ng	#	62
48) Acenaphthylene	15.19	152	604034	39.173	ng		99
49) Dimethylphthalate	14.89	163	530498	40.702	ng	#	99
50) 2,6-Dinitrotoluene	15.01	165	115715	48.261	ng	#	66
51) Acenaphthene	15.53	154	439302	43.501	ng		95
52) 3-Nitroaniline	15.34	138	54522	23.307	ng	#	69
53) 2,4-Dinitrophenol	15.54	184	114999	109.762	ng	#	75
54) Dibenzofuran	15.86	168	630638	40.738	ng		97
55) 4-Nitrophenol	15.62	139	186619	98.018	ng	#	71
56) 2,4-Dinitrotoluene	15.79	165	162190	52.606	ng	#	65
57) Fluorene	16.50	166	510388	40.586	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.06	232	188676	48.568	ng	#	84
59) Diethylphthalate	16.24	149	512464	40.341	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	310556	40.361	ng		91
61) 4-Nitroaniline	16.50	138	93493	40.956	ng		78
62) Azobenzene	16.77	77	332846	40.856	ng		81
64) 4,6-Dinitro-2-methylphenol	16.55	198	79097	44.634	ng	#	66
65) n-Nitrosodiphenylamine	16.69	169	482353	39.241	ng		98
66) 4-Bromophenyl-phenylether	17.37	248	227361	42.482	ng		93
67) Hexachlorobenzene	17.49	284	235096	42.970	ng	#	90
68) Atrazine	17.61	200	207066	43.322	ng		97
69) Pentachlorophenol	17.83	266	311451	82.763	ng		99
70) Phenanthrene	18.24	178	861261	41.119	ng		100
71) Anthracene	18.33	178	887806	42.019	ng		98
72) Carbazole	18.58	167	773578	41.366	ng		99
73) Di-n-butylphthalate	19.10	149	859231	41.344	ng		99
74) Fluoranthene	20.20	202	1089615	42.397	ng		96
76) Benzidine	20.35	184	304464	23.091	ng		96
77) Pyrene	20.55	202	1102905	40.418	ng		97
79) Butylbenzylphthalate	21.43	149	389202	42.488	ng	#	75
80) Benzo(a)anthracene	22.54	228	1133144	41.699	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	230558	21.883	ng	#	95
82) Chrysene	22.61	228	1080639	42.030	ng		99
83) Bis(2-ethylhexyl)phthalate	22.39	149	555481	41.856	ng	#	98
84) Di-n-octyl phthalate	23.81	149	970009	43.399	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.74	276	1503638	45.586	ng	#	86
87) Benzo(b)fluoranthene	25.13	252	1258023	42.380	ng	#	96
88) Benzo(k)fluoranthene	25.21	252	1203223	40.502	ng	#	97
89) Benzo(a)pyrene	26.16	252	1216450	42.788	ng	#	97
90) Dibenzo(a,h)anthracene	30.83	278	1243081	42.337	ng	#	96
91) Benzo(g,h,i)perylene	30.74	276	1503638	43.375	ng	#	92

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

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