Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010518\
Data File : BG031931.D
Acq On : 5 Jan 2018 14:07
Operator : SJ/JU
Sample : PB105488BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105488BS

Manual Integrations APPROVED
Sohil
1/8/2018 4:22:12 PM

Quant Time: Jan 05 15:38:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	56331	20.00	ng		0.00
21) Naphthalene-d8	11.68	136	249945	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	176405	20.00	ng		0.00
63) Phenanthrene-d10	18.16	188	442706	20.00	ng		0.00
75) Chrysene-d12	22.51	240	507654	20.00	ng		-0.01
86) Perylene-d12	26.26	264	535786	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	461465	149.21	ng		0.01
7) Phenol-d6	7.91	99	602516	150.05	ng		0.02
23) Nitrobenzene-d5	9.99	82	325539	98.35	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	383271	142.39	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1153310	82.06	ng		0.00
78) Terphenyl-d14	20.69	244	1935037	87.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	41375	36.090	ng	#	74
3) Pyridine	4.32	79	116624	38.057	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	50916	41.174	ng	#	80
6) Aniline	8.09	93	102586	19.857	ng	#	87
8) 2-Chlorophenol	8.34	128	168469	46.960	ng		83
9) Benzaldehyde	7.90	77	32799	13.565	ng		89
10) Phenol	7.93	94	195574	48.243	ng		90
11) bis(2-Chloroethyl)ether	8.18	93	131343	39.011	ng	#	80
12) 1,3-Dichlorobenzene	8.68	146	177179m	39.770	ng		
13) 1,4-Dichlorobenzene	8.83	146	183052	40.223	ng		94
14) 1,2-Dichlorobenzene	9.17	146	171029	39.662	ng		94
15) Benzyl Alcohol	9.03	79	136868	45.405	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	135877	49.558	ng		82
17) 2-Methylphenol	9.23	107	139944	48.245	ng		93
18) Hexachloroethane	9.92	117	55595	40.334	ng		86
19) n-Nitroso-di-n-propylamine	9.61	70	104507	38.109	ng	#	82
20) 3+4-Methylphenols	9.57	107	192004	46.573	ng		94
22) Acetophenone	9.64	105	231167	39.809	ng	#	86
24) Nitrobenzene	10.04	77	153209	44.911	ng	#	83
25) Isophorone	10.56	82	291843	40.958	ng	#	84
26) 2-Nitrophenol	10.76	139	99496	55.626	ng	#	82
27) 2,4-Dimethylphenol	10.80	122	180017	47.828	ng		92
28) bis(2-Chloroethoxy)methane	11.05	93	189268	39.586	ng	#	93
29) 2,4-Dichlorophenol	11.30	162	210689	47.682	ng		89
30) 1,2,4-Trichlorobenzene	11.53	180	208519	38.650	ng		100
31) Naphthalene	11.73	128	507870	40.262	ng		99
32) Benzoic acid	10.93	122	129171	50.002	ng	#	80
33) 4-Chloroaniline	11.82	127	99597	17.735	ng	#	90
34) Hexachlorobutadiene	12.00	225	143615	38.774	ng		99
35) Caprolactam	12.59	113	68015	50.782	ng	#	46
36) 4-Chloro-3-methylphenol	12.90	107	191917	47.029	ng	#	86
37) 2-Methylnaphthalene	13.29	142	422723	41.339	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	290573	39.106	ng	#	98
40) Hexachlorocyclopentadiene	13.62	237	387587	98.880	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.87	196	194835	45.480	ng		97
43) 2,4,5-Trichlorophenol	13.94	196	213248	44.917	ng	#	93
45) 1,1'-Biphenyl	14.27	154	609654	40.464	ng		96
46) 2-Chloronaphthalene	14.32	162	457485	39.808	ng		96
47) 2-Nitroaniline	14.50	65	102177	51.480	ng	#	68
48) Acenaphthylene	15.15	152	708651	38.544	ng		99
49) Dimethylphthalate	14.86	163	610231	39.267	ng	#	99
50) 2,6-Dinitrotoluene	14.98	165	140167	49.029	ng	#	67
51) Acenaphthene	15.49	154	534057	44.353	ng		94
52) 3-Nitroaniline	15.31	138	69078	24.766	ng	#	77
53) 2,4-Dinitrophenol	15.51	184	167926	132.707	ng	#	66
54) Dibenzofuran	15.82	168	738293	39.999	ng		99
55) 4-Nitrophenol	15.59	139	231635	102.035	ng	#	73
56) 2,4-Dinitrotoluene	15.76	165	195272	53.119	ng	#	64
57) Fluorene	16.46	166	591216	39.429	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.03	232	221009	47.714	ng	#	85
59) Diethylphthalate	16.20	149	582813	38.477	ng		97
60) 4-Chlorophenyl-phenylether	16.44	204	361875	39.443	ng		93
61) 4-Nitroaniline	16.47	138	121459	44.624	ng		82
62) Azobenzene	16.73	77	393258	40.484	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	111002	50.928	ng	#	68
65) n-Nitrosodiphenylamine	16.65	169	551000	37.475	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	262880	41.064	ng		95
67) Hexachlorobenzene	17.46	284	268653	41.051	ng	#	90
68) Atrazine	17.57	200	241291	42.204	ng		99
69) Pentachlorophenol	17.80	266	377641	83.896	ng		99
70) Phenanthrene	18.20	178	995491	39.734	ng		99
71) Anthracene	18.29	178	1009914	39.960	ng		98
72) Carbazole	18.55	167	904461	40.434	ng		99
73) Di-n-butylphthalate	19.06	149	982169	39.510	ng		99
74) Fluoranthene	20.16	202	1254544	40.810	ng		95
76) Benzidine	20.32	184	352869	22.520	ng		97
77) Pyrene	20.52	202	1272925	39.255	ng		96
79) Butylbenzylphthalate	21.39	149	449609	41.303	ng	#	76
80) Benzo(a)anthracene	22.49	228	1293597	40.059	ng		98
81) 3,3'-Dichlorobenzidine	22.37	252	294063	23.487	ng	#	97
82) Chrysene	22.56	228	1206340	39.482	ng		97
83) Bis(2-ethylhexyl)phthalate	22.33	149	620291	39.331	ng	#	97
84) Di-n-octyl phthalate	23.74	149	1047765	39.448	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1551980	39.593	ng	#	86
87) Benzo(b)fluoranthene	25.06	252	1357150	40.806	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1284756	38.600	ng	#	97
89) Benzo(a)pyrene	26.09	252	1298315	40.760	ng	#	97
90) Dibenzo(a,h)anthracene	30.71	278	1293124	39.309	ng		96
91) Benzo(g,h,i)perylene	30.63	276	1551980	39.958	ng	#	94

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

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