Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
Data File : BG032159.D
Acq On : 19 Jan 2018 19:44
Operator : SJ/JU
Sample : J1010-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Manual Integrations APPROVED
Sohil
1/22/2018 5:27:15 PM

Quant Time: Jan 20 00:11:50 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	45444	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	193563	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	139170	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	359215	20.00	ng		0.00
75) Chrysene-d12	22.45	240	421662	20.00	ng		0.00
86) Perylene-d12	26.15	264	443682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	359230	144.58	ng		0.00
7) Phenol-d6	7.85	99	432562	138.23	ng		0.00
23) Nitrobenzene-d5	9.94	82	297723	104.06	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	353423	153.47	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	1031898	91.94	ng		0.00
78) Terphenyl-d14	20.65	244	1888731	98.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	26750	28.023	ng	#	71
3) Pyridine	4.29	79	79476	31.191	ng	#	83
4) n-Nitrosodimethylamine	4.19	42	49553	55.356	ng	#	85
6) Aniline	8.04	93	48785	12.360	ng		98
8) 2-Chlorophenol	8.29	128	138696	49.884	ng		84
9) Benzaldehyde	7.84	77	7015	3.869	ng		88
10) Phenol	7.88	94	138916	45.064	ng		98
11) bis(2-Chloroethyl)ether	8.13	93	108063	43.756	ng	#	83
12) 1,3-Dichlorobenzene	8.63	146	150482m	41.353	ng		
13) 1,4-Dichlorobenzene	8.78	146	152165	41.530	ng		97
14) 1,2-Dichlorobenzene	9.11	146	148890	42.014	ng		97
15) Benzyl Alcohol	8.98	79	117806	51.820	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	115024	45.829	ng		81
17) 2-Methylphenol	9.18	107	113847	48.325	ng		97
18) Hexachloroethane	9.87	117	49843	44.264	ng	#	79
19) n-Nitroso-di-n-propylamine	9.55	70	93605	48.209	ng	#	87
20) 3+4-Methylphenols	9.51	107	152917	46.855	ng		92
22) Acetophenone	9.58	105	208750	47.478	ng	#	91
24) Nitrobenzene	9.98	77	143180	50.171	ng	#	88
25) Isophorone	10.51	82	264886	49.721	ng	#	87
26) 2-Nitrophenol	10.71	139	83969	49.656	ng	#	85
27) 2,4-Dimethylphenol	10.75	122	141915	52.886	ng		96
28) bis(2-Chloroethoxy)methane	10.99	93	157590	49.097	ng		93
29) 2,4-Dichlorophenol	11.25	162	174666	52.899	ng		91
30) 1,2,4-Trichlorobenzene	11.48	180	192336	45.104	ng		93
31) Naphthalene	11.68	128	446749	46.591	ng		98
32) Benzoic acid	10.89	122	101981	47.443	ng	#	86
33) 4-Chloroaniline	11.78	127	16125	3.922	ng		95
34) Hexachlorobutadiene	11.95	225	136731	44.642	ng		97
35) Caprolactam	12.53	113	41711	41.640	ng	#	46
36) 4-Chloro-3-methylphenol	12.85	107	165963	54.913	ng	#	85
37) 2-Methylnaphthalene	13.24	142	367709	48.302	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	275888	45.478	ng		97
40) Hexachlorocyclopentadiene	13.57	237	356056	104.207	ng		93

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	173894	51.016	ng		99
43) 2,4,5-Trichlorophenol	13.90	196	188885	47.874	ng	#	90
45) 1,1'-Biphenyl	14.22	154	527642	44.226	ng		93
46) 2-Chloronaphthalene	14.27	162	403666	43.492	ng		96
47) 2-Nitroaniline	14.46	65	92332	51.965	ng	#	66
48) Acenaphthylene	15.11	152	603416	42.694	ng		98
49) Dimethylphthalate	14.81	163	558734	45.879	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	127417	50.405	ng	#	70
51) Acenaphthene	15.45	154	492557	52.704	ng		96
52) 3-Nitroaniline	15.27	138	21280	9.321	ng	#	68
53) 2,4-Dinitrophenol	15.47	184	174189	132.374	ng	#	56
54) Dibenzofuran	15.78	168	653632	46.884	ng		99
55) 4-Nitrophenol	15.55	139	170229	102.310	ng	#	79
56) 2,4-Dinitrotoluene	15.72	165	182707	53.685	ng	#	67
57) Fluorene	16.42	166	528210	46.196	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	205475	56.297	ng	#	85
59) Diethylphthalate	16.15	149	549525	46.544	ng		96
60) 4-Chlorophenyl-phenylether	16.39	204	334795	47.732	ng		94
61) 4-Nitroaniline	16.42	138	66397	30.317	ng	#	86
62) Azobenzene	16.69	77	348990	47.226	ng		89
64) 4,6-Dinitro-2-methylphenol	16.48	198	114744	49.712	ng	#	66
65) n-Nitrosodiphenylamine	16.60	169	465233	42.682	ng		98
66) 4-Bromophenyl-phenylether	17.29	248	246532	48.236	ng		96
67) Hexachlorobenzene	17.42	284	248923	44.022	ng	#	91
68) Atrazine	17.53	200	150174	32.761	ng		95
69) Pentachlorophenol	17.75	266	333770	92.348	ng		98
70) Phenanthrene	18.16	178	913358	45.669	ng		99
71) Anthracene	18.24	178	947788	47.514	ng		99
72) Carbazole	18.51	167	777600	44.937	ng		99
73) Di-n-butylphthalate	19.01	149	922923	45.137	ng		100
74) Fluoranthene	20.12	202	1198677	47.869	ng		94
77) Pyrene	20.48	202	1212873	45.756	ng		97
79) Butylbenzylphthalate	21.33	149	421119	44.341	ng	#	78
80) Benzo(a)anthracene	22.43	228	1248804	47.622	ng		98
81) 3,3'-Dichlorobenzidine	22.32	252	42980	4.388	ng	#	98
82) Chrysene	22.50	228	1164061	46.222	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	579027	41.576	ng	#	97
84) Di-n-octyl phthalate	23.65	149	999213	45.174	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1531083	49.678	ng	#	88
87) Benzo(b)fluoranthene	24.97	252	1308656	48.797	ng	#	95
88) Benzo(k)fluoranthene	25.04	252	1283486	48.977	ng	#	95
89) Benzo(a)pyrene	25.98	252	1268192	49.990	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1278238	52.287	ng	#	95
91) Benzo(g,h,i)perylene	31.80	276	1241312	49.679	ng	#	92

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

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