Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025461.D
Acq On : 10 Jan 2017 21:01
Operator : UM/SJ
Sample : I1078-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-0-2-COMPMS

Manual Integrations APPROVED
mohammad
1/11/2017 9:11:00 AM

Quant Time: Jan 10 23:19:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49890	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	207390	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	177396	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	416969	20.00	ng		0.00
75) Chrysene-d12	21.86	240	593521	20.00	ng		0.00
86) Perylene-d12	25.26	264	643016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	465631	169.65	ng		0.00
7) Phenol-d6	7.36	99	626378	162.04	ng		0.00
23) Nitrobenzene-d5	9.38	82	505134	107.60	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	462531	161.95	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1115077	101.77	ng		0.00
78) Terphenyl-d14	20.15	244	2248797	100.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	51570	44.04	ng	#	60
3) Pyridine	4.01	79	148080	43.62	ng		95
4) n-Nitrosodimethylamine	3.91	42	115315	57.23	ng	#	92
6) Aniline	7.53	93	159286	30.41	ng		98
8) 2-Chlorophenol	7.77	128	169177	54.64	ng		98
9) Benzaldehyde	7.35	77	14825	5.24	ng		95
10) Phenol	7.39	94	230473	53.78	ng		98
11) bis(2-Chloroethyl)ether	7.61	93	166696	50.48	ng		93
12) 1,3-Dichlorobenzene	8.08	146	188749	50.38	ng		98
13) 1,4-Dichlorobenzene	8.24	146	199700	51.43	ng		96
14) 1,2-Dichlorobenzene	8.55	146	190074	51.29	ng		93
15) Benzyl Alcohol	8.45	79	208392	56.47	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.73	45	321930	52.65	ng		97
17) 2-Methylphenol	8.65	107	157804	56.08	ng		89
18) Hexachloroethane	9.28	117	76070	51.01	ng	#	82
19) n-Nitroso-di-n-propylamine	9.01	70	177730	54.43	ng		92
20) 3+4-Methylphenols	8.98	107	221995	57.00	ng		96
22) Acetophenone	9.04	105	296808	51.51	ng	#	94
24) Nitrobenzene	9.43	77	269439	52.33	ng		96
25) Isophorone	9.94	82	490797	57.74	ng		97
26) 2-Nitrophenol	10.14	139	103113	52.36	ng	#	88
27) 2,4-Dimethylphenol	10.19	122	178247	55.05	ng		92
28) bis(2-Chloroethoxy)methane	10.42	93	258346	58.53	ng		93
29) 2,4-Dichlorophenol	10.69	162	212252	61.26	ng		91
30) 1,2,4-Trichlorobenzene	10.89	180	221121	52.83	ng		95
31) Naphthalene	11.08	128	533868	51.55	ng		100
32) Benzoic acid	10.34	122	103189	39.63	ng	#	84
33) 4-Chloroaniline	11.22	127	17178	3.94	ng	#	88
34) Hexachlorobutadiene	11.34	225	179124	52.43	ng		98
35) Caprolactam	11.98	113	67616m	51.94	ng		
36) 4-Chloro-3-methylphenol	12.31	107	245008	57.29	ng		96
37) 2-Methylnaphthalene	12.67	142	423392	55.16	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	314128	53.63	ng		95
40) Hexachlorocyclopentadiene	12.99	237	258596	116.53	ng		91

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Quant Time: Jan 10 23:19:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	201356	54.60	ng		96
43) 2,4,5-Trichlorophenol	13.36	196	208499	54.01	ng		98
45) 1,1'-Biphenyl	13.66	154	627333	52.58	ng		97
46) 2-Chloronaphthalene	13.71	162	490401	52.61	ng		95
47) 2-Nitroaniline	13.93	65	214763	54.58	ng		96
48) Acenaphthylene	14.55	152	763853	52.87	ng		94
49) Dimethylphthalate	14.27	163	710304	54.92	ng	#	95
50) 2,6-Dinitrotoluene	14.41	165	155489	55.04	ng		97
51) Acenaphthene	14.89	154	489261	51.77	ng		98
52) 3-Nitroaniline	14.76	138	67880	24.99	ng	#	90
53) 2,4-Dinitrophenol	14.97	184	193232	102.76	ng	#	78
54) Dibenzofuran	15.22	168	812848	54.41	ng		100
55) 4-Nitrophenol	15.08	139	221436	109.16	ng	#	88
56) 2,4-Dinitrotoluene	15.21	165	233476	56.76	ng	#	93
57) Fluorene	15.87	166	671970	53.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	214231	51.81	ng		97
59) Diethylphthalate	15.62	149	761606	56.16	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	389502	54.95	ng		97
61) 4-Nitroaniline	15.92	138	142395	52.10	ng	#	86
62) Azobenzene	16.15	77	778553	59.53	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	158352	54.84	ng		91
65) n-Nitrosodiphenylamine	16.08	169	639749	56.76	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	283989	55.21	ng		98
67) Hexachlorobenzene	16.87	284	317768	53.83	ng	#	90
68) Atrazine	17.01	200	301230	61.00	ng		97
69) Pentachlorophenol	17.23	266	336097	109.83	ng		97
70) Phenanthrene	17.61	178	1193761	55.56	ng		96
71) Anthracene	17.71	178	1215935	55.69	ng		98
72) Carbazole	17.98	167	1085530	55.59	ng		97
73) Di-n-butylphthalate	18.50	149	1339574	55.75	ng		97
74) Fluoranthene	19.61	202	1591685	56.08	ng		96
76) Benzidine	19.80	184	228644	15.44	ng	#	93
77) Pyrene	19.98	202	1617132	52.13	ng		99
79) Butylbenzylphthalate	20.83	149	684585	54.97	ng		98
80) Benzo(a)anthracene	21.85	228	1847613	55.81	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	461171	35.87	ng		96
82) Chrysene	21.92	228	1693094	53.33	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	992123	57.24	ng		99
84) Di-n-octyl phthalate	22.94	149	1675913	58.24	ng		96
85) Indeno(1,2,3-cd)pyrene	29.19	276	2419634	59.95	ng	#	77
87) Benzo(b)fluoranthene	24.18	252	1993262	56.81	ng	#	99
88) Benzo(k)fluoranthene	24.25	252	1858939	54.87	ng		95
89) Benzo(a)pyrene	25.11	252	1908841	56.33	ng	#	96
90) Dibenzo(a,h)anthracene	29.24	278	2033904	56.63	ng	#	98
91) Benzo(g,h,i)perylene	30.43	276	2007796	56.26	ng		98

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

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