Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021163.D
Acq On : 29 Feb 2016 20:13
Operator : UM/SJ
Sample : H1578-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Manual Integrations APPROVED
Sohil
3/1/2016 3:01:46 PM

Quant Time: Mar 01 09:57:15 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8482	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	43426	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	28580	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	70140	20.00	ng		0.00
75) Chrysene-d12	21.76	240	73721	20.00	ng		0.00
86) Perylene-d12	25.04	264	66721	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	93182	174.65	ng		0.00
7) Phenol-d6	7.30	99	151806	173.03	ng		0.00
23) Nitrobenzene-d5	9.32	82	106979	104.24	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	50073	168.39	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	187631	93.22	ng		0.00
78) Terphenyl-d14	20.08	244	277567	91.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	9636	40.21	ng	#	80
3) Pyridine	3.99	79	32307	42.65	ng	#	94
4) n-Nitrosodimethylamine	3.90	42	17804	46.66	ng		98
6) Aniline	7.47	93	33261	28.60	ng	#	84
8) 2-Chlorophenol	7.72	128	36407	55.66	ng		86
9) Benzaldehyde	7.29	77	6606	12.05	ng	#	85
10) Phenol	7.33	94	54110	57.86	ng		82
11) bis(2-Chloroethyl)ether	7.57	93	36236	50.27	ng		93
12) 1,3-Dichlorobenzene	8.04	146	31179	46.49	ng	#	90
13) 1,4-Dichlorobenzene	8.19	146	32592	47.20	ng		98
14) 1,2-Dichlorobenzene	8.51	146	32036	48.65	ng		95
15) Benzyl Alcohol	8.39	79	45197	56.42	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.68	45	58782	47.24	ng		96
17) 2-Methylphenol	8.59	107	35835	55.37	ng	#	89
18) Hexachloroethane	9.24	117	13098	45.30	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	39719	49.00	ng	#	94
20) 3+4-Methylphenols	8.91	107	49657	54.18	ng		91
22) Acetophenone	8.97	105	60973	47.18	ng	#	95
24) Nitrobenzene	9.36	77	56167	50.15	ng	#	87
25) Isophorone	9.88	82	108402	48.74	ng		95
26) 2-Nitrophenol	10.07	139	20673	50.67	ng	#	58
27) 2,4-Dimethylphenol	10.12	122	38663	52.82	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	54657	52.93	ng		98
29) 2,4-Dichlorophenol	10.60	162	36905	55.97	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	32885	49.45	ng		99
31) Naphthalene	11.01	128	112903	49.87	ng		98
33) 4-Chloroaniline	11.11	127	21073	20.18	ng	#	90
34) Hexachlorobutadiene	11.29	225	19354	47.80	ng		93
35) Caprolactam	11.89	113	17251m	53.66	ng		
36) 4-Chloro-3-methylphenol	12.22	107	54916	54.90	ng	#	84
37) 2-Methylnaphthalene	12.60	142	83973	52.09	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	40053	46.67	ng	#	96
40) Hexachlorocyclopentadiene	12.94	237	48478	103.01	ng		100
42) 2,4,6-Trichlorophenol	13.20	196	33139	51.41	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	38154	55.35	ng	#	90
45) 1,1'-Biphenyl	13.60	154	112455	47.84	ng		94
46) 2-Chloronaphthalene	13.64	162	87738	49.73	ng		97
47) 2-Nitroaniline	13.84	65	45822	53.29	ng	#	75
48) Acenaphthylene	14.48	152	149679	50.11	ng		97
49) Dimethylphthalate	14.21	163	172639	67.78	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	28585	53.64	ng	#	59
51) Acenaphthene	14.82	154	95999	50.62	ng		98
52) 3-Nitroaniline	14.66	138	19801	33.49	ng	#	65
53) 2,4-Dinitrophenol	14.86	184	10204	37.78	ng		88
54) Dibenzofuran	15.15	168	142281	56.19	ng	#	90
55) 4-Nitrophenol	14.95	139	52490	107.04	ng	#	52
56) 2,4-Dinitrotoluene	15.11	165	41667	54.28	ng	#	74
57) Fluorene	15.80	166	123741	51.28	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	32632	59.19	ng	#	93
59) Diethylphthalate	15.57	149	144852	51.45	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	60005	49.81	ng		96
61) 4-Nitroaniline	15.82	138	33771	53.48	ng	#	60
62) Azobenzene	16.08	77	167312	55.33	ng		91
64) 4,6-Dinitro-2-methylphenol	15.87	198	21196	44.05	ng		92
65) n-Nitrosodiphenylamine	16.01	169	111028	51.48	ng		94
66) 4-Bromophenyl-phenylether	16.68	248	36580	49.90	ng	#	87
67) Hexachlorobenzene	16.80	284	35782	50.29	ng	#	78
68) Atrazine	16.95	200	42310	57.29	ng		97
69) Pentachlorophenol	17.14	266	49277	106.01	ng		92
70) Phenanthrene	17.54	178	193735	51.18	ng		99
71) Anthracene	17.63	178	196848	50.82	ng		99
72) Carbazole	17.90	167	183690	53.48	ng		98
73) Di-n-butylphthalate	18.44	149	241739	50.06	ng	#	97
74) Fluoranthene	19.53	202	221653	49.84	ng		100
76) Benzidine	19.71	184	45632	22.12	ng		99
77) Pyrene	19.90	202	227307	51.69	ng		98
79) Butylbenzylphthalate	20.77	149	112652	50.19	ng		88
80) Benzo(a)anthracene	21.74	228	221533	50.76	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	39843	24.13	ng	#	99
82) Chrysene	21.81	228	198644	48.03	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	168580	51.25	ng		96
84) Di-n-octyl phthalate	22.86	149	286036	52.20	ng		99
85) Indeno(1,2,3-cd)pyrene	28.77	276	228267	48.13	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	214553	51.12	ng		99
88) Benzo(k)fluoranthene	24.06	252	209060	49.74	ng		97
89) Benzo(a)pyrene	24.88	252	206389	50.86	ng		95
90) Dibenzo(a,h)anthracene	28.83	278	195208	48.63	ng	#	94
91) Benzo(g,h,i)perylene	29.94	276	186338	48.05	ng		95

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

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