Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022307.D
Acq On : 11 Jun 2016 4:36
Operator : UM/SJ
Sample : H3448-21MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Manual Integrations APPROVED
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6/13/2016 7:32:07 PM

Quant Time: Jun 12 03:02:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	29454	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	150986	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	85430	20.00	ng		-0.01
63) Phenanthrene-d10	17.48	188	181008	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	155715	20.00	ng		-0.01
86) Perylene-d12	25.05	264	146611	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	252459	165.72	ng		-0.01
7) Phenol-d6	7.27	99	372036	155.33	ng		0.00
23) Nitrobenzene-d5	9.28	82	206855	95.51	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	113480	117.56	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	469769	83.80	ng		0.00
78) Terphenyl-d14	20.08	244	583275	88.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	24745	33.88	ng	#	77
3) Pyridine	3.91	79	14462	7.33	ng	#	84
4) n-Nitrosodimethylamine	3.83	42	22676	51.38	ng		92
6) Aniline	7.43	93	78248	25.71	ng	#	82
8) 2-Chlorophenol	7.67	128	121285	57.60	ng	#	82
9) Benzaldehyde	7.25	77	5410	4.10	ng	#	81
10) Phenol	7.30	94	151755	61.45	ng		82
11) bis(2-Chloroethyl)ether	7.52	93	104531	53.09	ng	#	75
12) 1,3-Dichlorobenzene	7.99	146	110567	48.99	ng	#	94
13) 1,4-Dichlorobenzene	8.14	146	112978	50.24	ng		92
14) 1,2-Dichlorobenzene	8.46	146	112532	49.64	ng		98
15) Benzyl Alcohol	8.34	79	85640	55.34	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	117437	57.49	ng		86
17) 2-Methylphenol	8.56	107	103651	56.25	ng	#	85
18) Hexachloroethane	9.19	117	42496	51.75	ng	#	80
19) n-Nitroso-di-n-propylamine	8.91	70	84288	51.99	ng	#	71
20) 3+4-Methylphenols	8.88	107	142804	54.03	ng		96
22) Acetophenone	8.94	105	168595	51.82	ng	#	83
24) Nitrobenzene	9.32	77	121885	55.97	ng	#	85
25) Isophorone	9.84	82	248404	49.03	ng		97
26) 2-Nitrophenol	10.04	139	66698	56.48	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	119024	55.68	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	152900	52.67	ng		94
29) 2,4-Dichlorophenol	10.58	162	111675	56.40	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	109904	49.67	ng		95
31) Naphthalene	10.98	128	377124	50.04	ng	#	94
32) Benzoic acid	10.23	122	30049	43.17	ng	#	88
33) 4-Chloroaniline	11.09	127	56199	17.93	ng	#	90
34) Hexachlorobutadiene	11.25	225	56874	47.88	ng		100
35) Caprolactam	11.86	113	33805m	31.12	ng		
36) 4-Chloro-3-methylphenol	12.21	107	123340	52.55	ng	#	85
37) 2-Methylnaphthalene	12.57	142	273579	49.17	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	112610	51.21	ng	#	97
40) Hexachlorocyclopentadiene	12.91	237	105172	92.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	82400	55.85	ng		95
43) 2,4,5-Trichlorophenol	13.26	196	87456	53.66	ng		96
45) 1,1'-Biphenyl	13.57	154	344412	53.57	ng		93
46) 2-Chloronaphthalene	13.62	162	265717	53.91	ng		98
47) 2-Nitroaniline	13.83	65	68181	58.02	ng	#	63
48) Acenaphthylene	14.47	152	442555	51.18	ng		97
49) Dimethylphthalate	14.19	163	518355	73.18	ng		98
50) 2,6-Dinitrotoluene	14.31	165	77264	50.18	ng	#	84
51) Acenaphthene	14.80	154	264858	51.12	ng		97
52) 3-Nitroaniline	14.65	138	57563	33.70	ng	#	86
53) 2,4-Dinitrophenol	14.87	184	60894	94.54	ng	#	79
54) Dibenzofuran	15.14	168	404327	50.01	ng		100
55) 4-Nitrophenol	14.97	139	122755	104.14	ng	#	76
56) 2,4-Dinitrotoluene	15.11	165	107062	51.83	ng	#	84
57) Fluorene	15.78	166	343205	49.28	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	72871	49.85	ng		95
59) Diethylphthalate	15.54	149	352986	46.65	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	155020	49.15	ng		95
61) 4-Nitroaniline	15.82	138	80503	44.44	ng		84
62) Azobenzene	16.06	77	309642	54.04	ng		87
64) 4,6-Dinitro-2-methylphenol	15.87	198	51359	55.05	ng		85
65) n-Nitrosodiphenylamine	15.99	169	285269	54.71	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	88818	52.37	ng		97
67) Hexachlorobenzene	16.79	284	96017	48.57	ng		99
68) Atrazine	16.93	200	91528	47.42	ng		96
69) Pentachlorophenol	17.14	266	90956	99.67	ng		98
70) Phenanthrene	17.53	178	500383	50.90	ng		98
71) Anthracene	17.62	178	492132	50.47	ng		96
72) Carbazole	17.89	167	468832	50.77	ng		98
73) Di-n-butylphthalate	18.42	149	611956	50.69	ng		99
74) Fluoranthene	19.53	202	539581	47.74	ng		96
76) Benzidine	19.71	184	49484	12.15	ng		98
77) Pyrene	19.89	202	536783	55.45	ng		99
79) Butylbenzylphthalate	20.75	149	262267	58.42	ng		94
80) Benzo(a)anthracene	21.74	228	460756	52.77	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	73550	30.00	ng	#	97
82) Chrysene	21.80	228	433214	50.99	ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	380355	57.61	ng		97
84) Di-n-octyl phthalate	22.84	149	641682	58.54	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.82	276	480610	50.42	ng	#	85
87) Benzo(b)fluoranthene	24.00	252	436735	51.08	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	418622	49.73	ng	#	97
89) Benzo(a)pyrene	24.90	252	422195	51.64	ng	#	93
90) Dibenzo(a,h)anthracene	28.87	278	393042	51.05	ng	#	91
91) Benzo(g,h,i)perylene	30.01	276	390207	48.71	ng	#	92

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

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