Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022306.D
Acq On : 11 Jun 2016 3:56
Operator : UM/SJ
Sample : H3448-21MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
umangi
6/13/2016 7:32:05 PM

Quant Time: Jun 12 03:01:22 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	8.11	152	28636	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	142295	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	77487	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	169794	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	152530	20.00	ng		-0.01
86) Perylene-d12	25.05	264	139660	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	282222	190.55	ng		-0.01
7) Phenol-d6	7.27	99	407130	174.83	ng		0.00
23) Nitrobenzene-d5	9.28	82	223042	109.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	114983	131.32	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	477482	93.91	ng		0.00
78) Terphenyl-d14	20.08	244	595840	92.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27200	38.30	ng	#	75
3) Pyridine	3.91	79	28388	14.79	ng		96
4) n-Nitrosodimethylamine	3.82	42	25700	59.89	ng		83
6) Aniline	7.43	93	112532	38.04	ng	#	84
8) 2-Chlorophenol	7.67	128	116677	57.00	ng	#	80
9) Benzaldehyde	7.24	77	5120	3.99	ng		84
10) Phenol	7.30	94	148702	61.94	ng		83
11) bis(2-Chloroethyl)ether	7.52	93	101509	53.03	ng	#	76
12) 1,3-Dichlorobenzene	7.99	146	109310	49.81	ng	#	91
13) 1,4-Dichlorobenzene	8.14	146	112890	51.63	ng		96
14) 1,2-Dichlorobenzene	8.46	146	109771	49.81	ng		97
15) Benzyl Alcohol	8.35	79	84185	55.95	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	114548	57.68	ng		85
17) 2-Methylphenol	8.55	107	102086	56.98	ng	#	88
18) Hexachloroethane	9.19	117	41734	52.28	ng	#	80
19) n-Nitroso-di-n-propylamine	8.91	70	81303	51.58	ng	#	72
20) 3+4-Methylphenols	8.88	107	137812	53.63	ng		97
22) Acetophenone	8.93	105	161778	52.76	ng	#	84
24) Nitrobenzene	9.32	77	116973	56.99	ng	#	82
25) Isophorone	9.84	82	237975	49.84	ng		94
26) 2-Nitrophenol	10.04	139	62796	56.42	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	112798	55.99	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	145368	53.14	ng		93
29) 2,4-Dichlorophenol	10.58	162	103563	55.49	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	104773	50.25	ng		96
31) Naphthalene	10.98	128	362902	51.09	ng	#	94
32) Benzoic acid	10.23	122	32669	47.46	ng		91
33) 4-Chloroaniline	11.09	127	75520	25.57	ng	#	89
34) Hexachlorobutadiene	11.25	225	55487	49.57	ng		96
35) Caprolactam	11.87	113	36780m	35.93	ng		
36) 4-Chloro-3-methylphenol	12.21	107	117319	53.04	ng	#	88
37) 2-Methylnaphthalene	12.57	142	255082	48.65	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	106984	53.63	ng	#	96
40) Hexachlorocyclopentadiene	12.91	237	97792	95.12	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	77867	58.19	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	81455	55.10	ng		99
45) 1,1'-Biphenyl	13.57	154	321774	55.18	ng		93
46) 2-Chloronaphthalene	13.62	162	248608	55.61	ng		96
47) 2-Nitroaniline	13.83	65	63014	59.12	ng	#	62
48) Acenaphthylene	14.47	152	417506	53.23	ng		96
49) Dimethylphthalate	14.19	163	502164	78.16	ng		99
50) 2,6-Dinitrotoluene	14.32	165	72025	51.57	ng	#	77
51) Acenaphthene	14.80	154	243461	51.81	ng		98
52) 3-Nitroaniline	14.65	138	57657	37.22	ng	#	85
53) 2,4-Dinitrophenol	14.87	184	59513	101.02	ng	#	78
54) Dibenzofuran	15.14	168	374840	51.11	ng		99
55) 4-Nitrophenol	14.98	139	116499	108.97	ng	#	72
56) 2,4-Dinitrotoluene	15.11	165	98951	52.82	ng	#	84
57) Fluorene	15.78	166	318045	50.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	66583m	50.22	ng		
59) Diethylphthalate	15.54	149	332568	48.46	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	141516	49.47	ng		95
61) 4-Nitroaniline	15.82	138	77749	47.32	ng		83
62) Azobenzene	16.06	77	288135	55.44	ng		88
64) 4,6-Dinitro-2-methylphenol	15.87	198	46608	53.44	ng		86
65) n-Nitrosodiphenylamine	15.99	169	267178	54.62	ng		98
66) 4-Bromophenyl-phenylether	16.66	248	81279	51.09	ng		96
67) Hexachlorobenzene	16.79	284	88485	47.72	ng		96
68) Atrazine	16.93	200	87950	48.58	ng		96
69) Pentachlorophenol	17.14	266	86873	101.36	ng		98
70) Phenanthrene	17.53	178	469370	50.90	ng		99
71) Anthracene	17.61	178	457890	50.06	ng		99
72) Carbazole	17.89	167	445243	51.40	ng		98
73) Di-n-butylphthalate	18.42	149	574168	50.70	ng		99
74) Fluoranthene	19.53	202	514293	48.51	ng		98
76) Benzidine	19.71	184	78543	19.69	ng		99
77) Pyrene	19.89	202	509582	53.74	ng		99
79) Butylbenzylphthalate	20.75	149	257891	58.64	ng		94
80) Benzo(a)anthracene	21.73	228	448709	52.46	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	84139	35.04	ng		99
82) Chrysene	21.80	228	426718	51.27	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	371535	57.45	ng	#	96
84) Di-n-octyl phthalate	22.84	149	619451	57.69	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.82	276	466574	49.97	ng	#	83
87) Benzo(b)fluoranthene	24.00	252	426157	52.32	ng	#	97
88) Benzo(k)fluoranthene	24.07	252	420741	52.47	ng	#	96
89) Benzo(a)pyrene	24.89	252	413038	53.03	ng	#	95
90) Dibenzo(a,h)anthracene	28.88	278	386924	52.75	ng	#	94
91) Benzo(g,h,i)perylene	30.00	276	386188	50.61	ng	#	94

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

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