Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
Data File : BG023944.D
Acq On : 1 Sep 2016 22:20
Operator : UM/SJ
Sample : H4635-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11FT-SOILMSD

Quant Time: Sep 02 08:32:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29929	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	147919	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	118432	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	322410	20.00	ng		0.00
75) Chrysene-d12	21.84	240	339421	20.00	ng		0.00
86) Perylene-d12	25.20	264	335079	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	270166	158.48	ng		0.00
7) Phenol-d6	7.26	99	398699	151.94	ng		0.00
23) Nitrobenzene-d5	9.27	82	329380	99.41	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	299525	140.37	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	745859	90.29	ng		0.00
78) Terphenyl-d14	20.13	244	1500224	100.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29791	42.38	ng	#	78
3) Pyridine	3.91	79	70627	33.43	ng		95
4) n-Nitrosodimethylamine	3.81	42	67080	60.23	ng	#	87
6) Aniline	7.41	93	76424	21.94	ng		94
8) 2-Chlorophenol	7.65	128	103869	52.59	ng		97
9) Benzaldehyde	7.23	77	18071	9.69	ng	#	87
10) Phenol	7.29	94	135235	48.99	ng		94
11) bis(2-Chloroethyl)ether	7.50	93	96839	44.59	ng		88
12) 1,3-Dichlorobenzene	7.97	146	109179	47.23	ng		94
13) 1,4-Dichlorobenzene	8.12	146	110181	44.99	ng		95
14) 1,2-Dichlorobenzene	8.44	146	105891	46.07	ng		95
15) Benzyl Alcohol	8.34	79	141809	61.30	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	136799	46.99	ng		94
17) 2-Methylphenol	8.55	107	102545	55.14	ng		93
18) Hexachloroethane	9.17	117	43877	46.53	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	118355	51.05	ng		96
20) 3+4-Methylphenols	8.88	107	139088	53.66	ng		99
22) Acetophenone	8.92	105	166485	43.47	ng	#	97
24) Nitrobenzene	9.31	77	174128	48.87	ng		96
25) Isophorone	9.83	82	319706	49.76	ng		96
26) 2-Nitrophenol	10.03	139	65781	48.57	ng		90
27) 2,4-Dimethylphenol	10.09	122	124960	54.29	ng		88
28) bis(2-Chloroethoxy)methane	10.31	93	156230	48.16	ng	#	96
29) 2,4-Dichlorophenol	10.58	162	132969	54.52	ng		95
30) 1,2,4-Trichlorobenzene	10.77	180	127943	47.83	ng		98
31) Naphthalene	10.97	128	368355	48.33	ng		97
32) Benzoic acid	10.26	122	72481	38.77	ng	#	86
33) 4-Chloroaniline	11.11	127	17923	5.63	ng	#	90
34) Hexachlorobutadiene	11.24	225	94628	47.10	ng		91
35) Caprolactam	11.90	113	41260m	48.00	ng		
36) 4-Chloro-3-methylphenol	12.23	107	173307	53.18	ng		98
37) 2-Methylnaphthalene	12.58	142	297033	51.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	157148	39.98	ng		98
40) Hexachlorocyclopentadiene	12.91	237	190299	80.31	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	127767	48.71	ng		96
43) 2,4,5-Trichlorophenol	13.28	196	138760	52.33	ng		94
45) 1,1'-Biphenyl	13.58	154	384298	40.34	ng		98
46) 2-Chloronaphthalene	13.63	162	333924	47.75	ng		95
47) 2-Nitroaniline	13.85	65	151748	55.09	ng		99
48) Acenaphthylene	14.48	152	549272	47.12	ng		98
49) Dimethylphthalate	14.21	163	504787	49.71	ng		98
50) 2,6-Dinitrotoluene	14.33	165	108537	50.63	ng		96
51) Acenaphthene	14.82	154	356803	49.51	ng		98
52) 3-Nitroaniline	14.69	138	31662	15.79	ng		92
53) 2,4-Dinitrophenol	14.89	184	152651	95.98	ng		91
54) Dibenzofuran	15.16	168	594120	52.82	ng		99
55) 4-Nitrophenol	15.01	139	152279	95.45	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	157995	50.14	ng	#	83
57) Fluorene	15.81	166	494469	50.69	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	152673	56.72	ng		92
59) Diethylphthalate	15.57	149	545692	50.33	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	265641	50.59	ng		94
61) 4-Nitroaniline	15.86	138	96787	47.75	ng		92
62) Azobenzene	16.09	77	600974	57.24	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	110144	49.21	ng		82
65) n-Nitrosodiphenylamine	16.01	169	454452	49.63	ng		95
66) 4-Bromophenyl-phenylether	16.70	248	202400	51.60	ng		96
67) Hexachlorobenzene	16.82	284	208252	45.27	ng		96
68) Atrazine	16.97	200	186356	47.30	ng		97
69) Pentachlorophenol	17.17	266	233206	95.44	ng		98
70) Phenanthrene	17.57	178	879798	52.46	ng		98
71) Anthracene	17.65	178	874256	51.10	ng		98
72) Carbazole	17.94	167	784200	50.51	ng		97
73) Di-n-butylphthalate	18.46	149	952950	51.45	ng		98
74) Fluoranthene	19.57	202	1077594	53.36	ng		97
76) Benzidine	19.80	184	66375m	6.32	ng		
77) Pyrene	19.94	202	1076560	51.57	ng		93
79) Butylbenzylphthalate	20.81	149	407311	50.61	ng		98
80) Benzo(a)anthracene	21.81	228	1007691	53.04	ng		93
81) 3,3'-Dichlorobenzidine	21.72	252	171637	22.60	ng	#	96
82) Chrysene	21.88	228	938123	51.87	ng		97
83) Bis(2-ethylhexyl)phthalate	21.68	149	551612	50.06	ng		95
84) Di-n-octyl phthalate	22.94	149	915641	50.67	ng		100
85) Indeno(1,2,3-cd)pyrene	29.07	276	1059962	52.93	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1016773	53.42	ng		98
88) Benzo(k)fluoranthene	24.20	252	946078	50.13	ng	#	99
89) Benzo(a)pyrene	25.05	252	960626	53.15	ng		95
90) Dibenzo(a,h)anthracene	29.13	278	899675	50.61	ng	#	99
91) Benzo(g,h,i)perylene	30.28	276	891749	52.16	ng	#	96

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

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