Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016139.D
Acq On : 26 Mar 2015 14:37
Operator : TP/IZ
Sample : G1614-03
Misc : LOD-SOIL-1PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-SOIL2015-01

Quant Time: Mar 27 03:57:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 03:23:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	46660	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	196953	20.00	ng		0.00
38) Acenaphthene-d10	14.41	164	124227	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	288112	20.00	ng		0.00
75) Chrysene-d12	21.32	240	308918	20.00	ng		0.00
86) Perylene-d12	23.61	264	297528	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	342132	122.72	ng		0.00
7) Phenol-d6	6.96	99	462708	119.24	ng		0.00
23) Nitrobenzene-d5	8.94	82	232755	73.28	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	179713	125.98	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	591625	79.72	ng		0.00
78) Terphenyl-d14	19.78	244	985800	80.37	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.70	79	2099	0.60	ng	#	57
4) n-Nitrosodimethylamine	3.62	42	1091	1.05	ng	#	25
6) Aniline	7.12	93	3619	0.65	ng		96
8) 2-Chlorophenol	7.36	128	2847	0.86	ng		91
9) Benzaldehyde	6.94	77	2622	1.62	ng	#	72
10) Phenol	6.99	94	3498	0.82	ng		87
11) bis(2-Chloroethyl)ether	7.22	93	2380	0.69	ng		93
12) 1,3-Dichlorobenzene	7.68	146	2718	0.76	ng		96
13) 1,4-Dichlorobenzene	7.83	146	2487	0.67	ng		96
14) 1,2-Dichlorobenzene	8.14	146	2584	0.74	ng	#	85
15) Benzyl Alcohol	8.03	79	1731	0.60	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.33	45	2512	0.65	ng		90
17) 2-Methylphenol	8.23	107	1953	0.65	ng		94
18) Hexachloroethane	8.86	117	949	0.71	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	1516	0.53	ng	#	88
20) 3+4-Methylphenols	8.56	107	2690	0.66	ng		96
22) Acetophenone	8.61	105	2975	0.67	ng	#	97
24) Nitrobenzene	8.99	77	2584	0.76	ng		97
25) Isophorone	9.51	82	4045	0.56	ng	#	89
26) 2-Nitrophenol	9.69	139	1122	0.61	ng		96
27) 2,4-Dimethylphenol	9.76	122	1976	0.64	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	2523	0.61	ng		98
29) 2,4-Dichlorophenol	10.23	162	2004	0.73	ng		80
30) 1,2,4-Trichlorobenzene	10.44	180	2234	0.76	ng		93
31) Naphthalene	10.63	128	7888	0.75	ng		96
33) 4-Chloroaniline	10.74	127	3168	0.69	ng	#	90
34) Hexachlorobutadiene	10.91	225	1157	0.72	ng	#	88
35) Caprolactam	11.49	113	611	0.41	ng	#	73
36) 4-Chloro-3-methylphenol	11.85	107	1940	0.60	ng		90
37) 2-Methylnaphthalene	12.24	142	5254	0.70	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	2164	0.69	ng	#	91
40) Hexachlorocyclopentadiene	12.59	237	893	0.49	ng		75
42) 2,4,6-Trichlorophenol	12.85	196	1378	0.62	ng		93
43) 2,4,5-Trichlorophenol	12.92	196	1543	0.63	ng	#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	13.25	154	7083	0.78	ng		93
46) 2-Chloronaphthalene	13.29	162	5030	0.71	ng		98
47) 2-Nitroaniline	13.50	65	1285	0.63	ng	#	64
48) Acenaphthylene	14.14	152	8677	0.67	ng		98
49) Dimethylphthalate	13.87	163	6091	0.70	ng	#	96
50) 2,6-Dinitrotoluene	14.00	165	1231	0.60	ng	#	79
51) Acenaphthene	14.48	154	5306	0.68	ng	#	88
52) 3-Nitroaniline	14.32	138	1354	0.54	ng	#	93
54) Dibenzofuran	14.81	168	8650	0.79	ng		94
55) 4-Nitrophenol	14.63	139	803	0.39	ng		90
56) 2,4-Dinitrotoluene	14.78	165	1513	0.53	ng	#	96
57) Fluorene	15.46	166	6907	0.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	1132	0.52	ng	#	93
59) Diethylphthalate	15.23	149	6296	0.70	ng	#	92
60) 4-Chlorophenyl-phenylether	15.45	204	3349	0.78	ng		93
61) 4-Nitroaniline	15.48	138	1438	0.50	ng		90
62) Azobenzene	15.75	77	6056	0.66	ng		92
65) n-Nitrosodiphenylamine	15.67	169	5752	0.63	ng		96
66) 4-Bromophenyl-phenylether	16.35	248	2023	0.68	ng		89
67) Hexachlorobenzene	16.46	284	2337	0.70	ng	#	92
68) Atrazine	16.61	200	1894	0.69	ng		92
70) Phenanthrene	17.19	178	11783	0.73	ng		97
71) Anthracene	17.29	178	11582m	0.72	ng		
72) Carbazole	17.56	167	10292	0.65	ng		99
73) Di-n-butylphthalate	18.12	149	10683	0.60	ng		98
74) Fluoranthene	19.21	202	12239	0.68	ng		94
76) Benzidine	19.40	184	4744	0.59	ng		97
77) Pyrene	19.57	202	12907	0.68	ng		94
79) Butylbenzylphthalate	20.46	149	4458	0.56	ng		93
80) Benzo(a)anthracene	21.30	228	13174	0.75	ng		93
81) 3,3'-Dichlorobenzidine	21.25	252	3522	0.58	ng		89
82) Chrysene	21.36	228	12683	0.79	ng		92
83) Bis(2-ethylhexyl)phthalate	21.24	149	6536	0.60	ng		95
84) Di-n-octyl phthalate	22.13	149	10191	0.55	ng	#	79
85) Indeno(1,2,3-cd)pyrene	25.95	276	12708	0.62	ng		97
87) Benzo(b)fluoranthene	22.91	252	12302	0.71	ng		95
88) Benzo(k)fluoranthene	22.96	252	11527	0.69	ng		98
89) Benzo(a)pyrene	23.50	252	11099	0.69	ng	#	93
90) Dibenzo(a,h)anthracene	25.96	278	11006	0.66	ng		98
91) Benzo(g,h,i)perylene	26.66	276	11017	0.66	ng		97

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

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