Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016143.D
Acq On : 26 Mar 2015 16:55
Operator : TP/IZ
Sample : G1614-04
Misc : LOQ-SOIL-20PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Mar 27 03:40:58 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	48465	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	212121	20.00	ng		0.00
38) Acenaphthene-d10	14.41	164	133754	20.00	ng		0.00
63) Phenanthrene-d10	17.15	188	298838	20.00	ng		0.00
75) Chrysene-d12	21.32	240	328220	20.00	ng		0.00
86) Perylene-d12	23.61	264	313265	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	409626	141.46	ng		0.00
7) Phenol-d6	6.97	99	558942	138.67	ng		0.01
23) Nitrobenzene-d5	8.95	82	282499	82.58	ng		0.00
41) 2,4,6-Tribromophenol	15.90	330	219346	142.81	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	718334	89.90	ng		0.00
78) Terphenyl-d14	19.78	244	1144071	87.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	19951	17.06	ng		94
3) Pyridine	3.69	79	53936	14.75	ng		97
4) n-Nitrosodimethylamine	3.61	42	16277	15.13	ng	#	97
6) Aniline	7.12	93	85332	14.84	ng		96
8) 2-Chlorophenol	7.36	128	62904	18.31	ng		97
9) Benzaldehyde	6.94	77	46809	27.81	ng		95
10) Phenol	6.99	94	83713	18.90	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	59404	16.53	ng		97
12) 1,3-Dichlorobenzene	7.68	146	61426	16.54	ng		98
13) 1,4-Dichlorobenzene	7.83	146	64129	16.65	ng		99
14) 1,2-Dichlorobenzene	8.14	146	61179	16.80	ng		100
15) Benzyl Alcohol	8.03	79	46562	15.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	58797	14.56	ng		98
17) 2-Methylphenol	8.23	107	53557	17.14	ng		98
18) Hexachloroethane	8.86	117	22445	16.26	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	42183	14.29	ng		97
20) 3+4-Methylphenols	8.55	107	72454	17.10	ng		98
22) Acetophenone	8.61	105	82264	17.24	ng	#	97
24) Nitrobenzene	8.99	77	61574	16.72	ng		95
25) Isophorone	9.50	82	117628	15.15	ng		99
26) 2-Nitrophenol	9.70	139	32627	16.35	ng		97
27) 2,4-Dimethylphenol	9.76	122	61789	18.47	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	76018	17.06	ng		96
29) 2,4-Dichlorophenol	10.23	162	56854	19.33	ng		100
30) 1,2,4-Trichlorobenzene	10.44	180	55432	17.50	ng		98
31) Naphthalene	10.63	128	191132	16.81	ng		99
32) Benzoic acid	9.84	122	29800	17.25	ng		96
33) 4-Chloroaniline	10.74	127	72956	14.66	ng		99
34) Hexachlorobutadiene	10.91	225	28558	16.57	ng		99
35) Caprolactam	11.49	113	26584	16.64	ng		93
36) 4-Chloro-3-methylphenol	11.86	107	62424	17.99	ng		97
37) 2-Methylnaphthalene	12.24	142	137805	16.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	59013	17.52	ng		98
40) Hexachlorocyclopentadiene	12.59	237	33036	16.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	43499	18.08	ng	97
43) 2,4,5-Trichlorophenol	12.92	196	47783	18.21	ng	97
45) 1,1'-Biphenyl	13.25	154	174404	17.78	ng	97
46) 2-Chloronaphthalene	13.29	162	131286	17.16	ng	99
47) 2-Nitroaniline	13.50	65	35912	16.34	ng	95
48) Acenaphthylene	14.14	152	234820	16.80	ng	98
49) Dimethylphthalate	13.87	163	167140	17.82	ng	98
50) 2,6-Dinitrotoluene	13.99	165	40303	18.12	ng	99
51) Acenaphthene	14.48	154	139773	16.57	ng	99
52) 3-Nitroaniline	14.32	138	44776	16.44	ng	94
53) 2,4-Dinitrophenol	14.53	184	11243	13.05	ng	98
54) Dibenzofuran	14.81	168	214835	18.23	ng	97
55) 4-Nitrophenol	14.63	139	38049	17.24	ng	98
56) 2,4-Dinitrotoluene	14.78	165	54708	17.95	ng	98
57) Fluorene	15.46	166	184563	17.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.04	232	44011	18.81	ng	96
59) Diethylphthalate	15.24	149	173126	17.95	ng	99
60) 4-Chlorophenyl-phenylether	15.45	204	84483	18.27	ng	99
61) 4-Nitroaniline	15.48	138	54913	17.82	ng	95
62) Azobenzene	15.75	77	167203	16.83	ng	98
64) 4,6-Dinitro-2-methylphenol	15.54	198	24639	12.41	ng	99
65) n-Nitrosodiphenylamine	15.67	169	163281	17.14	ng	99
66) 4-Bromophenyl-phenylether	16.35	248	52178	17.02	ng	94
67) Hexachlorobenzene	16.46	284	59472	17.26	ng	95
68) Atrazine	16.62	200	55800	19.68	ng	96
69) Pentachlorophenol	16.81	266	30317	15.43	ng	98
70) Phenanthrene	17.19	178	293598	17.51	ng	98
71) Anthracene	17.29	178	298983	17.93	ng	99
72) Carbazole	17.56	167	289950	17.71	ng	98
73) Di-n-butylphthalate	18.12	149	329519	17.81	ng	98
74) Fluoranthene	19.21	202	340884	18.25	ng	98
76) Benzidine	19.40	184	131148	15.25	ng	99
77) Pyrene	19.57	202	358190	17.70	ng	96
79) Butylbenzylphthalate	20.47	149	143573	17.01	ng	96
80) Benzo(a)anthracene	21.31	228	325635	17.49	ng	98
81) 3,3'-Dichlorobenzidine	21.25	252	96036	14.84	ng	99
82) Chrysene	21.36	228	308126	18.07	ng	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	196323	16.94	ng	99
84) Di-n-octyl phthalate	22.12	149	327081	16.74	ng	98
85) Indeno(1,2,3-cd)pyrene	25.95	276	354841	16.18	ng	99
87) Benzo(b)fluoranthene	22.92	252	312164	17.22	ng	98
88) Benzo(k)fluoranthene	22.96	252	307441	17.41	ng	99
89) Benzo(a)pyrene	23.51	252	297950	17.63	ng	97
90) Dibenzo(a,h)anthracene	25.96	278	296143	16.81	ng	99
91) Benzo(g,h,i)perylene	26.66	276	294853	16.89	ng	99

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

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