Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016695.D
Acq On : 24 Apr 2015 22:13
Operator : TP/IZ
Sample : G1979-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-PITMS

Quant Time: Apr 25 02:24:22 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 22:57:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	53819	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	234259	20.00	ng		0.00
38) Acenaphthene-d10	14.24	164	134502	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	277090	20.00	ng		0.00
75) Chrysene-d12	21.18	240	243280	20.00	ng		0.00
86) Perylene-d12	23.39	264	235659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	385506	116.24	ng		0.00
7) Phenol-d6	6.79	99	478556	102.85	ng		0.00
23) Nitrobenzene-d5	8.76	82	300716	81.11	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	130208	130.49	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	703170	83.99	ng		0.00
78) Terphenyl-d14	19.63	244	815990	77.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	44414	30.91	ng	#	84
3) Pyridine	3.46	79	115200	28.24	ng		98
4) n-Nitrosodimethylamine	3.37	42	40773	33.88	ng		92
6) Aniline	6.93	93	65412	10.25	ng		98
8) 2-Chlorophenol	7.16	128	164042	40.02	ng		97
9) Benzaldehyde	6.74	77	11609	6.11	ng	#	77
10) Phenol	6.82	94	168737	34.41	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	142745	37.29	ng		98
12) 1,3-Dichlorobenzene	7.48	146	155567	36.70	ng		100
13) 1,4-Dichlorobenzene	7.63	146	160781	37.10	ng		98
14) 1,2-Dichlorobenzene	7.94	146	157056	37.96	ng		97
15) Benzyl Alcohol	7.85	79	114866	39.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.13	45	143732	40.11	ng		100
17) 2-Methylphenol	8.06	107	132485	40.40	ng		97
18) Hexachloroethane	8.66	117	58454	38.26	ng		96
19) n-Nitroso-di-n-propylamine	8.40	70	103215	35.59	ng		98
20) 3+4-Methylphenols	8.39	107	174743	37.90	ng		99
22) Acetophenone	8.42	105	208909	40.63	ng		99
24) Nitrobenzene	8.80	77	150905	38.76	ng		98
25) Isophorone	9.31	82	298801	38.89	ng		100
26) 2-Nitrophenol	9.50	139	90597	40.10	ng		98
27) 2,4-Dimethylphenol	9.58	122	161940	42.93	ng		99
28) bis(2-Chloroethoxy)methane	9.80	93	182880	39.45	ng		98
29) 2,4-Dichlorophenol	10.04	162	142805	44.53	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	135586	39.90	ng		97
31) Naphthalene	10.43	128	495537	40.12	ng		99
32) Benzoic acid	9.74	122	84892	42.71	ng		97
33) 4-Chloroaniline	10.55	127	30656	5.39	ng		99
34) Hexachlorobutadiene	10.71	225	62023	40.86	ng		94
35) Caprolactam	11.40	113	73257m	42.38	ng		
36) 4-Chloro-3-methylphenol	11.70	107	160196	42.96	ng		98
37) 2-Methylnaphthalene	12.05	142	363316	40.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	128074	39.97	ng		99
40) Hexachlorocyclopentadiene	12.40	237	98117	79.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	102546	43.80	ng		98
43) 2,4,5-Trichlorophenol	12.76	196	112594	45.44	ng		98
45) 1,1'-Biphenyl	13.07	154	435457	41.22	ng		99
46) 2-Chloronaphthalene	13.12	162	325231	40.05	ng		99
47) 2-Nitroaniline	13.33	65	88146	39.80	ng		99
48) Acenaphthylene	13.97	152	559990	39.38	ng		99
49) Dimethylphthalate	13.72	163	405813	40.33	ng		98
50) 2,6-Dinitrotoluene	13.84	165	97136	39.34	ng		97
51) Acenaphthene	14.31	154	338817	39.69	ng		99
52) 3-Nitroaniline	14.17	138	54515	18.27	ng		96
53) 2,4-Dinitrophenol	14.38	184	107975	80.39	ng		99
54) Dibenzofuran	14.65	168	493704	41.01	ng		98
55) 4-Nitrophenol	14.51	139	171557	76.72	ng		97
56) 2,4-Dinitrotoluene	14.63	165	134935	39.90	ng		100
57) Fluorene	15.30	166	429347	40.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.88	232	82721	44.12	ng		98
59) Diethylphthalate	15.08	149	416298	39.70	ng		100
60) 4-Chlorophenyl-phenylether	15.30	204	175882	40.02	ng		100
61) 4-Nitroaniline	15.34	138	117919	35.72	ng		99
62) Azobenzene	15.58	77	403312	42.11	ng		98
64) 4,6-Dinitro-2-methylphenol	15.40	198	74381	39.67	ng		92
65) n-Nitrosodiphenylamine	15.51	169	381987	40.21	ng		99
66) 4-Bromophenyl-phenylether	16.19	248	94948	41.01	ng		98
67) Hexachlorobenzene	16.30	284	94632	39.74	ng		97
68) Atrazine	16.47	200	109295	42.86	ng		98
69) Pentachlorophenol	16.65	266	111042	96.03	ng		97
70) Phenanthrene	17.03	178	638453	40.11	ng		98
71) Anthracene	17.12	178	646763	40.85	ng		100
72) Carbazole	17.40	167	663891	41.85	ng		99
73) Di-n-butylphthalate	17.96	149	801419	42.39	ng		99
74) Fluoranthene	19.06	202	639217	37.90	ng		99
76) Benzidine	19.26	184	91713	11.07	ng	#	88
77) Pyrene	19.42	202	693731	40.59	ng		100
79) Butylbenzylphthalate	20.32	149	387925	46.14	ng		99
80) Benzo(a)anthracene	21.17	228	598652	40.58	ng		99
81) 3,3'-Dichlorobenzidine	21.11	252	86917	18.08	ng		98
82) Chrysene	21.22	228	566172	40.03	ng		100
83) Bis(2-ethylhexyl)phthalate	21.09	149	615000	53.77	ng		99
84) Di-n-octyl phthalate	21.96	149	970939	50.96	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.63	276	644664	41.82	ng		100
87) Benzo(b)fluoranthene	22.73	252	572213	39.97	ng		100
88) Benzo(k)fluoranthene	22.77	252	559146	40.03	ng		98
89) Benzo(a)pyrene	23.29	252	555644	41.19	ng		97
90) Dibenzo(a,h)anthracene	25.64	278	529945	40.40	ng		97
91) Benzo(g,h,i)perylene	26.31	276	545745	40.89	ng		99

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

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