Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016696.D
Acq On : 25 Apr 2015 00:04
Operator : TP/IZ
Sample : G1979-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-PITMSD

Quant Time: Apr 27 12:29:23 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	7.58	152	62596	20.00	ng		-0.01
21) Naphthalene-d8	10.37	136	257748	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	144698	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	284229	20.00	ng		0.00
75) Chrysene-d12	21.18	240	240154	20.00	ng		0.00
86) Perylene-d12	23.39	264	233726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	446831	115.84	ng		-0.01
7) Phenol-d6	6.78	99	539579	99.71	ng		0.00
23) Nitrobenzene-d5	8.75	82	336006	82.37	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	135334	126.07	ng		0.00
44) 2-Fluorobiphenyl	12.86	172	759741	84.36	ng		0.00
78) Terphenyl-d14	19.63	244	813136	77.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	55015	32.92	ng	#	86
3) Pyridine	3.45	79	137220	28.93	ng		98
4) n-Nitrosodimethylamine	3.36	42	49668	35.48	ng	#	97
6) Aniline	6.92	93	68735	9.26	ng		97
8) 2-Chlorophenol	7.15	128	185289	38.86	ng		98
9) Benzaldehyde	6.73	77	13123	5.94	ng	#	83
10) Phenol	6.81	94	192375	33.73	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	166457	37.39	ng		98
12) 1,3-Dichlorobenzene	7.47	146	181508	36.81	ng		100
13) 1,4-Dichlorobenzene	7.62	146	185805	36.86	ng		98
14) 1,2-Dichlorobenzene	7.93	146	179233	37.25	ng		99
15) Benzyl Alcohol	7.84	79	129641	38.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.12	45	158129	37.94	ng		99
17) 2-Methylphenol	8.05	107	147688	38.73	ng		97
18) Hexachloroethane	8.65	117	66386	37.36	ng		95
19) n-Nitroso-di-n-propylamine	8.39	70	115006	34.09	ng		100
20) 3+4-Methylphenols	8.38	107	195308	36.42	ng		98
22) Acetophenone	8.41	105	234334	41.42	ng	#	99
24) Nitrobenzene	8.79	77	168312	39.29	ng		97
25) Isophorone	9.30	82	327336	38.72	ng		99
26) 2-Nitrophenol	9.50	139	102845	41.38	ng		98
27) 2,4-Dimethylphenol	9.57	122	177446	42.75	ng		98
28) bis(2-Chloroethoxy)methane	9.80	93	201063	39.42	ng		99
29) 2,4-Dichlorophenol	10.04	162	158798	45.01	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	153155	40.96	ng		99
31) Naphthalene	10.42	128	550915	40.54	ng		99
32) Benzoic acid	9.74	122	89873	41.43	ng		95
33) 4-Chloroaniline	10.55	127	32026	5.11	ng		96
34) Hexachlorobutadiene	10.70	225	66268	39.68	ng		98
35) Caprolactam	11.40	113	77526m	40.76	ng		
36) 4-Chloro-3-methylphenol	11.70	107	174710	42.59	ng		97
37) 2-Methylnaphthalene	12.05	142	396905	40.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	143005	41.49	ng		97
40) Hexachlorocyclopentadiene	12.40	237	110514	82.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	109904	43.63	ng		97
43) 2,4,5-Trichlorophenol	12.76	196	118672	44.52	ng		97
45) 1,1'-Biphenyl	13.08	154	471753	41.51	ng		99
46) 2-Chloronaphthalene	13.12	162	351612	40.25	ng		99
47) 2-Nitroaniline	13.33	65	96253	40.40	ng		98
48) Acenaphthylene	13.97	152	601869	39.34	ng		99
49) Dimethylphthalate	13.71	163	433012	40.00	ng		99
50) 2,6-Dinitrotoluene	13.83	165	103423	38.93	ng		96
51) Acenaphthene	14.31	154	367320	40.00	ng		98
52) 3-Nitroaniline	14.17	138	53402	16.63	ng		94
53) 2,4-Dinitrophenol	14.38	184	119447	82.45	ng		96
54) Dibenzofuran	14.65	168	523637	40.43	ng		98
55) 4-Nitrophenol	14.52	139	170905	71.04	ng		98
56) 2,4-Dinitrotoluene	14.63	165	141800	38.98	ng		98
57) Fluorene	15.30	166	452973	40.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	88002	43.63	ng		99
59) Diethylphthalate	15.08	149	439896	39.00	ng		99
60) 4-Chlorophenyl-phenylether	15.29	204	188653	39.90	ng		98
61) 4-Nitroaniline	15.33	138	121103	34.10	ng		97
62) Azobenzene	15.59	77	423498	41.10	ng		100
64) 4,6-Dinitro-2-methylphenol	15.40	198	79845	41.51	ng		94
65) n-Nitrosodiphenylamine	15.51	169	400372	41.09	ng		100
66) 4-Bromophenyl-phenylether	16.18	248	99021	41.69	ng		96
67) Hexachlorobenzene	16.30	284	99492	40.73	ng		98
68) Atrazine	16.47	200	108428	41.45	ng		100
69) Pentachlorophenol	16.65	266	113965	96.08	ng		99
70) Phenanthrene	17.04	178	660292	40.44	ng		99
71) Anthracene	17.12	178	662563	40.79	ng		100
72) Carbazole	17.41	167	660906	40.62	ng		99
73) Di-n-butylphthalate	17.96	149	797985	41.15	ng		99
74) Fluoranthene	19.06	202	643432	37.19	ng		99
76) Benzidine	19.26	184	32576	3.98	ng	#	77
77) Pyrene	19.42	202	697297	41.33	ng		100
79) Butylbenzylphthalate	20.33	149	380051	45.79	ng		98
80) Benzo(a)anthracene	21.17	228	589779	40.50	ng		99
81) 3,3'-Dichlorobenzidine	21.11	252	98015	20.65	ng		96
82) Chrysene	21.22	228	556960	39.90	ng		100
83) Bis(2-ethylhexyl)phthalate	21.10	149	602590	53.37	ng		99
84) Di-n-octyl phthalate	21.96	149	948170	50.42	ng	#	97
85) Indeno(1,2,3-cd)pyrene	25.64	276	636360	41.82	ng		100
87) Benzo(b)fluoranthene	22.73	252	561816	39.57	ng		98
88) Benzo(k)fluoranthene	22.77	252	548980	39.62	ng		98
89) Benzo(a)pyrene	23.29	252	548241	40.98	ng		96
90) Dibenzo(a,h)anthracene	25.64	278	524471	40.32	ng		96
91) Benzo(g,h,i)perylene	26.32	276	536836	40.56	ng		98

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

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