Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078769.D
Acq On : 24 Apr 2015 4:17
Operator : TP/IZ
Sample : G1979-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-PITMS

Quant Time: Apr 24 05:04:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 04:11:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	25000	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	98985	20.00	ng		0.00
38) Acenaphthene-d10	11.10	164	47662	20.00	ng		0.00
63) Phenanthrene-d10	13.83	188	97077	20.00	ng		0.00
75) Chrysene-d12	17.71	240	99513	20.00	ng		0.00
86) Perylene-d12	19.41	264	107828	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.78	112	163862	108.07	ng		0.01
7) Phenol-d6	5.28	99	192682	101.40	ng		0.01
23) Nitrobenzene-d5	6.70	82	141186	86.45	ng		0.00
41) 2,4,6-Tribromophenol	12.57	330	58276	147.43	ng		0.00
44) 2-Fluorobiphenyl	9.93	172	297307	89.16	ng		0.00
78) Terphenyl-d14	16.38	244	342963	77.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.37	88	22127m	32.27	ng		
3) Pyridine	1.86	79	57052	31.76	ng	#	77
4) n-Nitrosodimethylamine	1.80	42	26699m	38.62	ng		
6) Aniline	5.26	93	24511	9.10	ng	#	86
8) 2-Chlorophenol	5.43	128	68551	38.23	ng		98
9) Benzaldehyde	5.07	77	6939	5.51	ng	#	85
10) Phenol	5.29	94	69771	30.64	ng		89
11) bis(2-Chloroethyl)ether	5.39	93	66161	40.41	ng		96
12) 1,3-Dichlorobenzene	5.66	146	72642	36.88	ng	#	91
13) 1,4-Dichlorobenzene	5.78	146	74863	37.76	ng		97
14) 1,2-Dichlorobenzene	6.02	146	71443	38.44	ng		96
15) Benzyl Alcohol	6.04	79	57202	42.84	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.28	45	85129	38.98	ng		66
17) 2-Methylphenol	6.27	107	53181	38.20	ng	#	92
18) Hexachloroethane	6.56	117	25258	37.78	ng	#	79
19) n-Nitroso-di-n-propylamine	6.49	70	50748	40.48	ng	#	90
20) 3+4-Methylphenols	6.55	107	67092	36.13	ng		98
22) Acetophenone	6.46	105	99575	43.17	ng	#	90
24) Nitrobenzene	6.73	77	70514	41.30	ng		88
25) Isophorone	7.16	82	130412	42.08	ng		99
26) 2-Nitrophenol	7.28	139	32449	39.89	ng	#	86
27) 2,4-Dimethylphenol	7.44	122	62690	41.44	ng		92
28) bis(2-Chloroethoxy)methane	7.60	93	80287	40.40	ng		98
29) 2,4-Dichlorophenol	7.74	162	57893	42.06	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	62380	39.53	ng		99
31) Naphthalene	7.95	128	212834	41.31	ng		99
32) Benzoic acid	7.70	122	30447	43.42	ng		91
33) 4-Chloroaniline	8.12	127	38917	18.20	ng		99
34) Hexachlorobutadiene	8.20	225	35219	40.65	ng		97
35) Caprolactam	8.75	113	14309	34.83	ng	#	89
36) 4-Chloro-3-methylphenol	9.08	107	63961	46.06	ng		92
37) 2-Methylnaphthalene	9.21	142	142649	40.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	61186	41.43	ng		98
40) Hexachlorocyclopentadiene	9.51	237	21537	37.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	41333	44.38	ng		98
43) 2,4,5-Trichlorophenol	9.86	196	43876	45.09	ng		97
45) 1,1'-Biphenyl	10.09	154	166571	42.73	ng		97
46) 2-Chloronaphthalene	10.09	162	128697	41.96	ng		96
47) 2-Nitroaniline	10.34	65	38797	51.12	ng	#	76
48) Acenaphthylene	10.83	152	208166	42.03	ng		100
49) Dimethylphthalate	10.74	163	164843	46.04	ng		98
50) 2,6-Dinitrotoluene	10.83	165	31831	43.21	ng	#	44
51) Acenaphthene	11.17	154	123194	44.18	ng		97
52) 3-Nitroaniline	11.11	138	21837	26.07	ng	#	90
53) 2,4-Dinitrophenol	11.35	184	3309	22.25	ng	#	86
54) Dibenzofuran	11.49	168	191701	45.01	ng		98
55) 4-Nitrophenol	11.55	139	37650	61.69	ng	#	66
56) 2,4-Dinitrotoluene	11.57	165	42477	44.52	ng	#	69
57) Fluorene	12.11	166	158494	45.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.76	232	30423	42.17	ng	#	98
59) Diethylphthalate	12.06	149	156361	45.29	ng		97
60) 4-Chlorophenyl-phenylether	12.18	204	70500	44.39	ng	#	86
61) 4-Nitroaniline	12.24	138	32654	38.56	ng		97
62) Azobenzene	12.47	77	150220	47.67	ng		94
64) 4,6-Dinitro-2-methylphenol	12.32	198	4819	16.78	ng		82
65) n-Nitrosodiphenylamine	12.42	169	133031	39.62	ng		99
66) 4-Bromophenyl-phenylether	13.07	248	43175	42.00	ng		93
67) Hexachlorobenzene	13.12	284	44415	39.42	ng		99
68) Atrazine	13.50	200	46365	47.67	ng		98
69) Pentachlorophenol	13.53	266	29961	61.91	ng		98
70) Phenanthrene	13.87	178	229291	40.83	ng		100
71) Anthracene	13.97	178	237119	42.85	ng		99
72) Carbazole	14.31	167	224643	43.32	ng		100
73) Di-n-butylphthalate	14.99	149	269226	45.83	ng		99
74) Fluoranthene	15.77	202	252246	42.59	ng		97
76) Benzidine	16.05	184	61304	16.00	ng		100
77) Pyrene	16.09	202	241265	38.62	ng		97
79) Butylbenzylphthalate	17.09	149	124276	52.20	ng		89
80) Benzo(a)anthracene	17.70	228	242287	40.92	ng		98
81) 3,3'-Dichlorobenzidine	17.71	252	59242	29.88	ng	#	96
82) Chrysene	17.75	228	231942	41.69	ng		100
83) Bis(2-ethylhexyl)phthalate	17.85	149	209358	56.06	ng	#	97
84) Di-n-octyl phthalate	18.63	149	328805	53.62	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.55	276	280566	44.45	ng	#	88
87) Benzo(b)fluoranthene	18.98	252	268379	40.27	ng	#	96
88) Benzo(k)fluoranthene	19.02	252	214096m	36.15	ng		
89) Benzo(a)pyrene	19.35	252	240988	41.44	ng		99
90) Dibenzo(a,h)anthracene	20.56	278	231775	39.80	ng	#	96
91) Benzo(g,h,i)perylene	20.86	276	225693	38.66	ng		95

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

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