Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
Data File : BF078770.D
Acq On : 24 Apr 2015 4:48
Operator : TP/IZ
Sample : G1979-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-PITMSD

Quant Time: Apr 24 05:28:33 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	23390	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	94885	20.00	ng		0.00
38) Acenaphthene-d10	11.10	164	47453	20.00	ng		0.00
63) Phenanthrene-d10	13.83	188	97248	20.00	ng		0.00
75) Chrysene-d12	17.71	240	108241	20.00	ng		0.00
86) Perylene-d12	19.39	264	104145	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.78	112	46016	32.44	ng		0.01
7) Phenol-d6	5.27	99	58806	33.08	ng		0.00
23) Nitrobenzene-d5	6.70	82	39398	25.17	ng		0.00
41) 2,4,6-Tribromophenol	12.57	330	16274	41.35	ng		0.00
44) 2-Fluorobiphenyl	9.93	172	87269	26.29	ng		0.00
78) Terphenyl-d14	16.38	244	109950	22.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	5934	9.25	ng	#	81
3) Pyridine	1.87	79	13758	8.19	ng	#	80
4) n-Nitrosodimethylamine	1.80	42	8614m	13.32	ng		
6) Aniline	5.24	93	13020	5.16	ng	#	86
8) 2-Chlorophenol	5.43	128	19454	11.60	ng		95
10) Phenol	5.29	94	20996	9.86	ng		91
11) bis(2-Chloroethyl)ether	5.38	93	18470	12.06	ng		93
12) 1,3-Dichlorobenzene	5.66	146	20212	10.97	ng		96
13) 1,4-Dichlorobenzene	5.78	146	20567	11.09	ng		98
14) 1,2-Dichlorobenzene	6.02	146	19611	11.28	ng		97
15) Benzyl Alcohol	6.03	79	16004	12.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.27	45	24291	11.89	ng	#	14
17) 2-Methylphenol	6.27	107	15372	11.80	ng	#	86
18) Hexachloroethane	6.56	117	6930	11.08	ng	#	78
19) n-Nitroso-di-n-propylamine	6.49	70	14017	11.95	ng		94
20) 3+4-Methylphenols	6.55	107	19472	11.21	ng		96
22) Acetophenone	6.46	105	28408	12.85	ng	#	91
24) Nitrobenzene	6.73	77	19999	12.22	ng		92
25) Isophorone	7.15	82	36086	12.15	ng		94
26) 2-Nitrophenol	7.28	139	7807	10.01	ng	#	87
27) 2,4-Dimethylphenol	7.44	122	17725	12.22	ng		91
28) bis(2-Chloroethoxy)methane	7.60	93	22887	12.01	ng		98
29) 2,4-Dichlorophenol	7.74	162	16234	12.31	ng		93
30) 1,2,4-Trichlorobenzene	7.84	180	18305	12.10	ng		97
31) Naphthalene	7.95	128	61730	12.50	ng		99
32) Benzoic acid	7.64	122	6205	13.79	ng	#	80
33) 4-Chloroaniline	8.11	127	14181	6.92	ng		98
34) Hexachlorobutadiene	8.20	225	10062	12.11	ng		97
35) Caprolactam	8.73	113	4413	11.21	ng		94
36) 4-Chloro-3-methylphenol	9.08	107	18837	14.15	ng		94
37) 2-Methylnaphthalene	9.21	142	41229	12.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	17668	12.02	ng		96
40) Hexachlorocyclopentadiene	9.50	237	1399	8.84	ng		93
42) 2,4,6-Trichlorophenol	9.78	196	12240	13.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.86	196	13190	13.62	ng		94
45) 1,1'-Biphenyl	10.09	154	50584	13.03	ng		98
46) 2-Chloronaphthalene	10.09	162	39530	12.94	ng		99
47) 2-Nitroaniline	10.34	65	11197	14.82	ng	#	68
48) Acenaphthylene	10.83	152	64777	13.14	ng		99
49) Dimethylphthalate	10.73	163	46531	13.05	ng		99
50) 2,6-Dinitrotoluene	10.82	165	9024	12.30	ng	#	33
51) Acenaphthene	11.15	154	36741	13.23	ng		99
52) 3-Nitroaniline	11.11	138	9480	11.37	ng	#	79
54) Dibenzofuran	11.48	168	58075	13.69	ng		98
55) 4-Nitrophenol	11.58	139	10638m	19.49	ng		
56) 2,4-Dinitrotoluene	11.56	165	11000	11.58	ng	#	71
57) Fluorene	12.11	166	48404	14.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.76	232	9535	13.28	ng	#	94
59) Diethylphthalate	12.06	149	46377	13.49	ng		98
60) 4-Chlorophenyl-phenylether	12.18	204	21602	13.66	ng	#	88
61) 4-Nitroaniline	12.23	138	11043	13.10	ng		93
62) Azobenzene	12.47	77	44166	14.08	ng		89
65) n-Nitrosodiphenylamine	12.41	169	40581	12.06	ng		98
66) 4-Bromophenyl-phenylether	13.07	248	13005	12.63	ng		93
67) Hexachlorobenzene	13.11	284	13501	11.96	ng	#	84
68) Atrazine	13.49	200	13390	13.74	ng		97
69) Pentachlorophenol	13.54	266	5306	17.33	ng		99
70) Phenanthrene	13.87	178	72026	12.80	ng		99
71) Anthracene	13.97	178	72141	13.01	ng		97
72) Carbazole	14.31	167	71374	13.74	ng		100
73) Di-n-butylphthalate	14.99	149	83891	14.26	ng		100
74) Fluoranthene	15.77	202	80776	13.62	ng		96
76) Benzidine	16.03	184	51503	12.36	ng		99
77) Pyrene	16.08	202	85205	12.54	ng		99
79) Butylbenzylphthalate	17.07	149	38001	14.67	ng		99
80) Benzo(a)anthracene	17.70	228	82323	12.78	ng		99
81) 3,3'-Dichlorobenzidine	17.71	252	22077	10.24	ng	#	98
82) Chrysene	17.75	228	76353	12.62	ng		98
83) Bis(2-ethylhexyl)phthalate	17.85	149	118448	29.16	ng		98
84) Di-n-octyl phthalate	18.63	149	101863	15.27	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.51	276	88602	12.90	ng	#	88
87) Benzo(b)fluoranthene	18.98	252	84108	13.07	ng		99
88) Benzo(k)fluoranthene	19.01	252	76345m	13.35	ng		
89) Benzo(a)pyrene	19.34	252	79041	14.07	ng		99
90) Dibenzo(a,h)anthracene	20.54	278	73942	13.15	ng		98
91) Benzo(g,h,i)perylene	20.82	276	71910	12.75	ng		100

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

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