Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
Data File : BF077362.D
Acq On : 18 Feb 2015 20:01
Operator : TP/IZ
Sample : G1303-01MS
Misc : TCLP
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-CHARACTERIZATIONMS

Quant Time: Feb 19 04:01:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	48421	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	189411	20.00	ng		-0.02
38) Acenaphthene-d10	11.12	164	93152	20.00	ng		-0.02
63) Phenanthrene-d10	12.96	188	194799	20.00	ng		-0.02
75) Chrysene-d12	16.26	240	197911	20.00	ng		-0.01
86) Perylene-d12	18.02	264	208600	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	356949	125.98	ng		-0.01
7) Phenol-d6	6.90	99	420778	113.68	ng		-0.02
23) Nitrobenzene-d5	8.04	82	253298	92.61	ng		-0.02
41) 2,4,6-Tribromophenol	12.10	330	141381	162.61	ng		-0.01
44) 2-Fluorobiphenyl	10.28	172	605463	97.99	ng		-0.02
78) Terphenyl-d14	14.96	244	709605	81.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	37802	30.44	ng		92
3) Pyridine	3.13	79	80319	24.50	ng		97
4) n-Nitrosodimethylamine	3.02	42	60629	38.65	ng		87
6) Aniline	6.94	93	40485	7.75	ng		98
8) 2-Chlorophenol	7.08	128	136400	41.07	ng		95
10) Phenol	6.92	94	152049	35.36	ng		90
11) bis(2-Chloroethyl)ether	7.04	93	117710	36.50	ng		96
12) 1,3-Dichlorobenzene	7.28	146	138208	36.89	ng		98
13) 1,4-Dichlorobenzene	7.38	146	145912	37.78	ng		100
14) 1,2-Dichlorobenzene	7.56	146	139141	37.35	ng		97
15) Benzyl Alcohol	7.53	79	111825	39.88	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.71	45	167895	34.59	ng		99
17) 2-Methylphenol	7.68	107	107445	40.59	ng		94
18) Hexachloroethane	7.98	117	45763	36.36	ng		94
19) n-Nitroso-di-n-propylamine	7.87	70	96433	37.49	ng		96
20) 3+4-Methylphenols	7.86	107	141616	41.10	ng		91
22) Acetophenone	7.86	105	185377	41.59	ng		99
24) Nitrobenzene	8.06	77	131562	44.63	ng		97
25) Isophorone	8.37	82	246865	40.04	ng	#	84
26) 2-Nitrophenol	8.46	139	52761	58.42	ng		99
27) 2,4-Dimethylphenol	8.52	122	122175	43.51	ng		97
28) bis(2-Chloroethoxy)methane	8.65	93	159373	40.18	ng		99
29) 2,4-Dichlorophenol	8.76	162	113035	46.84	ng		90
30) 1,2,4-Trichlorobenzene	8.86	180	120091	39.19	ng		98
31) Naphthalene	8.96	128	412208	43.49	ng		99
32) Benzoic acid	8.61	122	51486	68.61	ng		96
33) 4-Chloroaniline	9.04	127	16960	4.19	ng	#	87
34) Hexachlorobutadiene	9.12	225	62866	37.53	ng		99
35) Caprolactam	9.45	113	32660	43.98	ng		90
36) 4-Chloro-3-methylphenol	9.63	107	121280	45.68	ng	#	85
37) 2-Methylnaphthalene	9.82	142	295134	43.29	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	118101	43.90	ng		99
40) Hexachlorocyclopentadiene	10.02	237	84253	63.01	ng		96
42) 2,4,6-Trichlorophenol	10.17	196	79090	52.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	10.21	196	86295	53.56	ng	#	90
45) 1,1'-Biphenyl	10.41	154	341183	45.94	ng		94
46) 2-Chloronaphthalene	10.42	162	265602	48.14	ng		99
47) 2-Nitroaniline	10.54	65	65881	55.86	ng		98
48) Acenaphthylene	10.93	152	437836	48.13	ng		99
49) Dimethylphthalate	10.79	163	308924	48.19	ng		100
50) 2,6-Dinitrotoluene	10.85	165	63594	53.50	ng		95
51) Acenaphthene	11.15	154	269759	49.96	ng		100
52) 3-Nitroaniline	11.06	138	13311	9.54	ng		85
53) 2,4-Dinitrophenol	11.20	184	26802	144.84	ng	#	66
54) Dibenzofuran	11.37	168	391720	47.83	ng		100
55) 4-Nitrophenol	11.27	139	121424	126.00	ng		92
56) 2,4-Dinitrotoluene	11.36	165	89964	59.82	ng		96
57) Fluorene	11.79	166	316362	49.23	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.52	232	68324	51.90	ng		95
59) Diethylphthalate	11.67	149	319336	47.85	ng		98
60) 4-Chlorophenyl-phenylether	11.80	204	138028	44.15	ng		95
61) 4-Nitroaniline	11.81	138	57850	42.53	ng		95
62) Azobenzene	12.00	77	288342	43.62	ng		97
64) 4,6-Dinitro-2-methylphenol	11.86	198	20042	55.47	ng	#	50
65) n-Nitrosodiphenylamine	11.95	169	271587	42.74	ng		99
66) 4-Bromophenyl-phenylether	12.41	248	86559	39.85	ng		96
67) Hexachlorobenzene	12.47	284	98946	40.16	ng	#	87
68) Atrazine	12.61	200	70154	36.94	ng		98
69) Pentachlorophenol	12.72	266	105044	119.76	ng		95
70) Phenanthrene	12.99	178	492698	43.53	ng		99
71) Anthracene	13.05	178	483259	42.93	ng		100
72) Carbazole	13.25	167	461956	46.68	ng		100
73) Di-n-butylphthalate	13.71	149	535918	43.99	ng	#	97
74) Fluoranthene	14.47	202	529464	46.32	ng		97
76) Benzidine	14.65	184	43458	7.15	ng		98
77) Pyrene	14.75	202	555058	45.37	ng		100
79) Butylbenzylphthalate	15.57	149	249841	51.11	ng		98
80) Benzo(a)anthracene	16.25	228	516329	44.80	ng		100
81) 3,3'-Dichlorobenzidine	16.23	252	83148	21.84	ng	#	98
82) Chrysene	16.29	228	486238	44.62	ng		100
83) Bis(2-ethylhexyl)phthalate	16.29	149	375749	46.09	ng	#	96
84) Di-n-octyl phthalate	17.11	149	659037	49.89	ng		97
85) Indeno(1,2,3-cd)pyrene	19.54	276	659104m	52.96	ng		
87) Benzo(b)fluoranthene	17.56	252	524636	39.12	ng	#	95
88) Benzo(k)fluoranthene	17.60	252	545140m	49.22	ng		
89) Benzo(a)pyrene	17.95	252	516676	44.27	ng	#	93
90) Dibenzo(a,h)anthracene	19.57	278	551146	46.40	ng		99
91) Benzo(g,h,i)perylene	20.00	276	553125	46.84	ng		97

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

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