Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083781.D
Acq On : 14 Dec 2015 20:58
Operator : UM/IZ
Sample : G4760-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121015-SOIL-POPHMS

Quant Time: Dec 15 02:45:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109298	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	451343	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	215168	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	415928	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	337926	20.00	ng		-0.02
86) Perylene-d12	15.48	264	264875	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	712305	105.14	ng		-0.01
7) Phenol-d6	6.53	99	906118	105.61	ng		-0.01
23) Nitrobenzene-d5	7.46	82	705305	87.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	292013	133.19	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1210904	81.39	ng		-0.02
78) Terphenyl-d14	13.00	244	1201941	76.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	100357	30.63	ng	#	69
3) Pyridine	3.38	79	205166	24.89	ng	#	83
4) n-Nitrosodimethylamine	3.30	42	122043	39.14	ng	#	65
6) Aniline	6.56	93	261790	22.46	ng		93
8) 2-Chlorophenol	6.69	128	335642	42.16	ng	#	78
9) Benzaldehyde	6.44	77	105427	22.88	ng		90
10) Phenol	6.54	94	323108	32.72	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	301582	42.17	ng		92
12) 1,3-Dichlorobenzene	6.84	146	322949	38.22	ng		99
13) 1,4-Dichlorobenzene	6.92	146	341276	39.97	ng		96
14) 1,2-Dichlorobenzene	7.07	146	292083	38.07	ng		96
15) Benzyl Alcohol	7.04	79	304501	48.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	368377	39.67	ng		70
17) 2-Methylphenol	7.16	107	287346	44.89	ng	#	82
18) Hexachloroethane	7.41	117	116929	38.56	ng	#	76
19) n-Nitroso-di-n-propylamine	7.32	70	242547	46.17	ng	#	85
20) 3+4-Methylphenols	7.31	107	330048	43.68	ng	#	65
22) Acetophenone	7.31	105	434497	39.24	ng	#	96
24) Nitrobenzene	7.48	77	344176	40.99	ng	#	88
25) Isophorone	7.72	82	664105	41.96	ng		95
26) 2-Nitrophenol	7.80	139	197399	48.94	ng	#	79
27) 2,4-Dimethylphenol	7.84	122	318440m	40.18	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	434686	48.13	ng	#	96
29) 2,4-Dichlorophenol	8.04	162	301895	46.40	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	285943	42.38	ng		96
31) Naphthalene	8.21	128	1091153	46.38	ng		99
32) Benzoic acid	7.95	122	231338m	46.83	ng		
33) 4-Chloroaniline	8.25	127	198771	20.68	ng	#	90
34) Hexachlorobutadiene	8.33	225	147453	39.82	ng		99
35) Caprolactam	8.62	113	86991m	41.64	ng		
36) 4-Chloro-3-methylphenol	8.74	107	372674	48.97	ng		88
37) 2-Methylnaphthalene	8.90	142	672296	45.52	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	286590	45.15	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	287365	89.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	217539	46.82	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	213922	48.54	ng		97
45) 1,1'-Biphenyl	9.37	154	871498	45.70	ng		95
46) 2-Chloronaphthalene	9.39	162	649800	46.16	ng		96
47) 2-Nitroaniline	9.48	65	216111	54.13	ng	#	55
48) Acenaphthylene	9.80	152	995524	42.03	ng		99
49) Dimethylphthalate	9.66	163	738932	44.05	ng		99
50) 2,6-Dinitrotoluene	9.72	165	173384	48.70	ng	#	85
51) Acenaphthene	9.97	154	713841	49.86	ng		100
52) 3-Nitroaniline	9.88	138	111636	27.20	ng		88
53) 2,4-Dinitrophenol	10.00	184	197250	94.29	ng	#	82
54) Dibenzofuran	10.14	168	896026	47.23	ng	#	90
55) 4-Nitrophenol	10.05	139	314900	103.61	ng	#	82
56) 2,4-Dinitrotoluene	10.12	165	233935	50.30	ng	#	85
57) Fluorene	10.49	166	644576	43.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	175270m	53.02	ng		
59) Diethylphthalate	10.36	149	789514	46.49	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	298850	43.87	ng	#	81
61) 4-Nitroaniline	10.50	138	173729	48.02	ng		89
62) Azobenzene	10.64	77	767927	49.60	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	131721	55.66	ng	#	75
65) n-Nitrosodiphenylamine	10.60	169	682337	47.97	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	201220	43.27	ng	#	88
67) Hexachlorobenzene	11.04	284	218362	43.39	ng		96
68) Atrazine	11.13	200	200915	49.64	ng		98
69) Pentachlorophenol	11.23	266	274317	96.65	ng		99
70) Phenanthrene	11.45	178	1024743	46.38	ng		98
71) Anthracene	11.49	178	1051345	45.81	ng		99
72) Carbazole	11.65	167	1110015	51.92	ng		97
73) Di-n-butylphthalate	11.99	149	1130238	43.53	ng		99
74) Fluoranthene	12.64	202	1151599	50.44	ng		96
76) Benzidine	12.74	184	100426	9.75	ng		98
77) Pyrene	12.87	202	1150801	43.09	ng		99
79) Butylbenzylphthalate	13.48	149	546794	47.70	ng	#	84
80) Benzo(a)anthracene	14.04	228	877775	45.68	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	240088	34.64	ng	#	95
82) Chrysene	14.08	228	807800	43.10	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	571378	43.79	ng		99
84) Di-n-octyl phthalate	14.65	149	999441	48.21	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	777332	42.23	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	957850m	56.68	ng		
88) Benzo(k)fluoranthene	15.11	252	614399m	40.13	ng		
89) Benzo(a)pyrene	15.44	252	750546	49.77	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	631912	42.14	ng		98
91) Benzo(g,h,i)perylene	17.35	276	642380	41.68	ng		99

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

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