Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083782.D
Acq On : 14 Dec 2015 21:26
Operator : UM/IZ
Sample : G4760-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC121015-SOIL-POPHMSD

Quant Time: Dec 15 02:48:30 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	119301	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	495001	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	229707	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	442628	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	351056	20.00	ng		-0.02
86) Perylene-d12	15.48	264	268108	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	903739	122.21	ng		0.00
7) Phenol-d6	6.53	99	1057984	112.97	ng		-0.01
23) Nitrobenzene-d5	7.47	82	770154	87.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	307936	131.56	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1269305	79.34	ng		-0.02
78) Terphenyl-d14	13.00	244	1292814	79.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	114401	31.99	ng	#	70
3) Pyridine	3.40	79	250718	27.87	ng	#	82
4) n-Nitrosodimethylamine	3.32	42	140284	41.21	ng	#	65
6) Aniline	6.57	93	138324	10.87	ng	#	84
8) 2-Chlorophenol	6.69	128	368061	42.35	ng	#	80
9) Benzaldehyde	6.44	77	75290	14.97	ng		93
10) Phenol	6.54	94	328130	30.44	ng		87
11) bis(2-Chloroethyl)ether	6.64	93	318117	40.75	ng		93
12) 1,3-Dichlorobenzene	6.84	146	347251	37.65	ng		98
13) 1,4-Dichlorobenzene	6.92	146	373211	40.05	ng		96
14) 1,2-Dichlorobenzene	7.07	146	320248	38.24	ng		95
15) Benzyl Alcohol	7.05	79	330450	48.03	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	391740	38.65	ng		71
17) 2-Methylphenol	7.16	107	317466	45.44	ng	#	83
18) Hexachloroethane	7.41	117	129648	39.17	ng	#	78
19) n-Nitroso-di-n-propylamine	7.32	70	254129	44.32	ng	#	86
20) 3+4-Methylphenols	7.31	107	349554	42.38	ng	#	66
22) Acetophenone	7.31	105	467782	38.52	ng	#	94
24) Nitrobenzene	7.48	77	358739	38.96	ng	#	87
25) Isophorone	7.72	82	707939	40.78	ng		96
26) 2-Nitrophenol	7.80	139	212255	47.98	ng	#	81
27) 2,4-Dimethylphenol	7.84	122	351813m	40.47	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	457700	46.21	ng	#	96
29) 2,4-Dichlorophenol	8.04	162	315491	44.21	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	309444	41.82	ng		96
31) Naphthalene	8.21	128	1176087	45.58	ng		99
32) Benzoic acid	7.96	122	245979m	45.41	ng		
33) 4-Chloroaniline	8.25	127	77096m	7.32	ng		
34) Hexachlorobutadiene	8.33	225	161386	39.74	ng		98
35) Caprolactam	8.62	113	100175m	43.72	ng		
36) 4-Chloro-3-methylphenol	8.74	107	367247	44.00	ng		92
37) 2-Methylnaphthalene	8.90	142	705051	43.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	304573	44.95	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	306756	89.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	227261	45.82	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	223413	47.48	ng	#	96
45) 1,1'-Biphenyl	9.37	154	917206	45.05	ng		95
46) 2-Chloronaphthalene	9.39	162	677771	45.10	ng		94
47) 2-Nitroaniline	9.48	65	227341	53.34	ng	#	61
48) Acenaphthylene	9.80	152	1049147	41.50	ng		99
49) Dimethylphthalate	9.66	163	784262	43.79	ng		100
50) 2,6-Dinitrotoluene	9.72	165	175422	46.15	ng	#	88
51) Acenaphthene	9.97	154	750356	49.09	ng		99
52) 3-Nitroaniline	9.88	138	60544	13.82	ng		87
53) 2,4-Dinitrophenol	10.00	184	203472	92.21	ng	#	83
54) Dibenzofuran	10.14	168	925225	45.69	ng	#	90
55) 4-Nitrophenol	10.05	139	305952	94.29	ng		84
56) 2,4-Dinitrotoluene	10.12	165	250911	50.53	ng	#	87
57) Fluorene	10.49	166	663230	41.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	191613m	54.29	ng		
59) Diethylphthalate	10.36	149	819946	45.22	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	320037	44.01	ng	#	87
61) 4-Nitroaniline	10.50	138	155019	40.13	ng		93
62) Azobenzene	10.64	77	795293	48.12	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	134448	53.38	ng	#	77
65) n-Nitrosodiphenylamine	10.60	169	683185	45.13	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	205662	41.55	ng	#	85
67) Hexachlorobenzene	11.04	284	223786	41.79	ng	#	91
68) Atrazine	11.13	200	191741	44.52	ng		97
69) Pentachlorophenol	11.23	266	268250	88.81	ng		98
70) Phenanthrene	11.45	178	1041185	44.28	ng		98
71) Anthracene	11.50	178	1109008	45.41	ng		99
72) Carbazole	11.65	167	1106151	48.61	ng		97
73) Di-n-butylphthalate	11.98	149	1156197	41.84	ng		99
74) Fluoranthene	12.64	202	1213283	49.94	ng		96
76) Benzidine	12.74	184	22989	2.15	ng		98
77) Pyrene	12.87	202	1207261	43.51	ng		99
79) Butylbenzylphthalate	13.48	149	558701	46.92	ng		86
80) Benzo(a)anthracene	14.04	228	881980	44.18	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	101634	14.11	ng	#	95
82) Chrysene	14.08	228	786432	40.39	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	568393	41.94	ng		98
84) Di-n-octyl phthalate	14.65	149	982006	45.60	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	784694	41.04	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	949095m	55.49	ng		
88) Benzo(k)fluoranthene	15.11	252	622960m	40.19	ng		
89) Benzo(a)pyrene	15.43	252	741939	48.61	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	637883	42.03	ng		98
91) Benzo(g,h,i)perylene	17.35	276	652666	41.84	ng		100

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

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