Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081942.D
Acq On : 1 Oct 2015 16:39
Operator : UM/IZ
Sample : G3707-04
Misc : LOQ 20 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2015-02

Manual Integrations APPROVED
apatel
10/2/2015 9:02:00 AM

Quant Time: Oct 02 02:29:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	113773	20.00	ng		-0.05
21) Naphthalene-d8	8.18	136	457110	20.00	ng		-0.03
38) Acenaphthene-d10	9.93	164	216165	20.00	ng		-0.05
63) Phenanthrene-d10	11.42	188	451222	20.00	ng		-0.05
75) Chrysene-d12	14.06	240	430727	20.00	ng		-0.06
86) Perylene-d12	15.51	264	354943	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	605043	96.54	ng		-0.02
7) Phenol-d6	6.53	99	816788	103.57	ng		-0.03
23) Nitrobenzene-d5	7.46	82	493804	72.01	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	232473	106.19	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	993403	75.19	ng		-0.05
78) Terphenyl-d14	13.01	244	1063850	77.97	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	33399	12.25	ng		92
3) Pyridine	3.34	79	78082	11.00	ng		87
4) n-Nitrosodimethylamine	3.28	42	28813	8.94	ng	#	93
6) Aniline	6.56	93	82123	7.75	ng	#	90
8) 2-Chlorophenol	6.67	128	99523	14.38	ng		85
9) Benzaldehyde	6.45	77	74682	14.46	ng	#	85
10) Phenol	6.54	94	127240	14.38	ng		81
11) bis(2-Chloroethyl)ether	6.63	93	102161	14.89	ng		98
12) 1,3-Dichlorobenzene	6.83	146	115600	14.14	ng	#	95
13) 1,4-Dichlorobenzene	6.91	146	121726	14.26	ng	#	95
14) 1,2-Dichlorobenzene	7.06	146	117460m	15.44	ng		
15) Benzyl Alcohol	7.04	79	68816	12.09	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	149467	15.41	ng		77
17) 2-Methylphenol	7.14	107	73857	13.16	ng	#	86
18) Hexachloroethane	7.41	117	39811	14.90	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	67136	14.01	ng	#	78
20) 3+4-Methylphenols	7.30	107	93348	13.17	ng	#	55
22) Acetophenone	7.30	105	134781	14.42	ng	#	76
24) Nitrobenzene	7.49	77	95506	12.83	ng	#	78
25) Isophorone	7.71	82	189052	13.91	ng	#	89
26) 2-Nitrophenol	7.79	139	49613	13.88	ng	#	53
27) 2,4-Dimethylphenol	7.83	122	80946	12.87	ng	#	79
28) bis(2-Chloroethoxy)methane	7.93	93	123162	15.26	ng	#	92
29) 2,4-Dichlorophenol	8.03	162	90564	14.85	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	95437	14.02	ng		99
31) Naphthalene	8.21	128	308395	15.23	ng		99
32) Benzoic acid	7.91	122	22256	12.36	ng		87
33) 4-Chloroaniline	8.26	127	62197	7.10	ng	#	95
34) Hexachlorobutadiene	8.32	225	61182	15.20	ng		100
35) Caprolactam	8.59	113	23010	13.63	ng	#	82
36) 4-Chloro-3-methylphenol	8.73	107	84836	14.23	ng		91
37) 2-Methylnaphthalene	8.89	142	207042	14.97	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	95762	14.43	ng	#	97
40) Hexachlorocyclopentadiene	9.04	237	48989	14.33	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	55961	12.30	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	76148	16.28	ng	#	95
45) 1,1'-Biphenyl	9.36	154	257654	15.45	ng		95
46) 2-Chloronaphthalene	9.38	162	210298	16.06	ng		98
47) 2-Nitroaniline	9.49	65	51812	13.48	ng		88
48) Acenaphthylene	9.79	152	322108	15.37	ng		97
49) Dimethylphthalate	9.66	163	236334	15.84	ng	#	97
50) 2,6-Dinitrotoluene	9.71	165	46392	14.32	ng	#	44
51) Acenaphthene	9.97	154	195323	15.69	ng		88
52) 3-Nitroaniline	9.90	138	39733	10.60	ng	#	80
53) 2,4-Dinitrophenol	10.00	184	9763	13.15	ng	#	23
54) Dibenzofuran	10.14	168	282253	16.05	ng	#	89
55) 4-Nitrophenol	10.06	139	27328	10.09	ng	#	60
56) 2,4-Dinitrotoluene	10.13	165	64695	15.67	ng	#	97
57) Fluorene	10.48	166	230124	16.96	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	59818	16.12	ng		93
59) Diethylphthalate	10.35	149	238240	17.09	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	105621	16.40	ng		94
61) 4-Nitroaniline	10.51	138	51424	13.68	ng	#	56
62) Azobenzene	10.64	77	225773	16.60	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	22672	13.89	ng		84
65) n-Nitrosodiphenylamine	10.59	169	200441	14.68	ng		94
66) 4-Bromophenyl-phenylether	10.97	248	66035	14.51	ng	#	88
67) Hexachlorobenzene	11.03	284	69929	13.62	ng	#	78
68) Atrazine	11.12	200	64307	15.18	ng		83
69) Pentachlorophenol	11.22	266	31792	10.87	ng		99
70) Phenanthrene	11.44	178	330536	14.08	ng		97
71) Anthracene	11.50	178	381625	16.64	ng		98
72) Carbazole	11.66	167	316039	15.23	ng		97
73) Di-n-butylphthalate	11.98	149	368268	16.57	ng	#	99
74) Fluoranthene	12.63	202	377039	15.60	ng		91
76) Benzidine	12.78	184	85743	6.61	ng	#	96
77) Pyrene	12.86	202	378456	14.71	ng		97
79) Butylbenzylphthalate	13.48	149	142024	14.67	ng	#	79
80) Benzo(a)anthracene	14.05	228	327686	14.13	ng		97
81) 3,3'-Dichlorobenzidine	14.02	252	66383	8.47	ng	#	92
82) Chrysene	14.08	228	338308	12.76	ng		96
83) Bis(2-ethylhexyl)phthalate	14.04	149	213383	17.57	ng	#	93
84) Di-n-octyl phthalate	14.65	149	332413	16.82	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.93	276	240479	13.25	ng	#	89
87) Benzo(b)fluoranthene	15.09	252	285292	14.08	ng	#	85
88) Benzo(k)fluoranthene	15.11	252	318693m	17.16	ng		
89) Benzo(a)pyrene	15.44	252	272555	15.51	ng	#	86
90) Dibenzo(a,h)anthracene	16.95	278	201496	13.66	ng	#	82
91) Benzo(g,h,i)perylene	17.36	276	195729	12.95	ng	#	75

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

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