Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090383.D
Acq On : 5 Oct 2016 16:03
Operator : UM/SJ
Sample : H4818-02
Misc : LOQ 20PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL2016--02-QT4

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:29 PM

Quant Time: Oct 06 01:19:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	248595	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1086023	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	533081	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	837810	20.00	ng		0.00
75) Chrysene-d12	14.19	240	681978	20.00	ng		-0.01
86) Perylene-d12	15.70	264	496496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2096631	125.87	ng		0.01
7) Phenol-d6	6.62	99	2795697	128.15	ng		0.00
23) Nitrobenzene-d5	7.56	82	2101165	94.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.85	330	627963	144.87	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3238405	101.22	ng		0.00
78) Terphenyl-d14	13.14	244	2684407	88.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	161737	19.70	ng	#	94
3) Pyridine	3.59	79	473178m	20.67	ng		
4) n-Nitrosodimethylamine	3.51	42	182571	19.32	ng	#	67
6) Aniline	6.66	93	579782	19.24	ng		98
8) 2-Chlorophenol	6.78	128	349540	19.07	ng		83
9) Benzaldehyde	6.54	77	212060	19.23	ng		90
10) Phenol	6.63	94	394840	15.57	ng	#	76
11) bis(2-Chloroethyl)ether	6.74	93	400781	20.64	ng		99
12) 1,3-Dichlorobenzene	6.94	146	380204m	20.81	ng		
13) 1,4-Dichlorobenzene	7.02	146	364727	19.65	ng		95
14) 1,2-Dichlorobenzene	7.17	146	345395	19.32	ng		96
15) Benzyl Alcohol	7.14	79	380714	22.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	672247	20.41	ng		96
17) 2-Methylphenol	7.25	107	311278	20.65	ng		97
18) Hexachloroethane	7.51	117	136940	18.72	ng	#	87
19) n-Nitroso-di-n-propylamine	7.41	70	328267	20.52	ng	#	85
20) 3+4-Methylphenols	7.40	107	404747	20.74	ng	#	88
22) Acetophenone	7.41	105	523156	20.34	ng	#	88
24) Nitrobenzene	7.58	77	485973	21.93	ng		99
25) Isophorone	7.82	82	815126	19.97	ng		99
26) 2-Nitrophenol	7.90	139	187893	19.70	ng	#	88
27) 2,4-Dimethylphenol	7.94	122	376567	20.30	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	459110	19.02	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	278815	19.77	ng		94
30) 1,2,4-Trichlorobenzene	8.23	180	282946	19.46	ng		97
31) Naphthalene	8.31	128	1065810	20.34	ng		97
32) Benzoic acid	8.03	122	244356	18.94	ng		94
33) 4-Chloroaniline	8.36	127	407665	18.82	ng	#	90
34) Hexachlorobutadiene	8.43	225	140759	17.33	ng		99
35) Caprolactam	8.70	113	86624	18.27	ng	#	88
36) 4-Chloro-3-methylphenol	8.83	107	310834	17.60	ng		92
37) 2-Methylnaphthalene	9.00	142	612095	19.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	266756	18.98	ng	#	96
40) Hexachlorocyclopentadiene	9.16	237	137526	17.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	184764	19.05	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	181780	19.82	ng		95
45) 1,1'-Biphenyl	9.47	154	807141	20.43	ng		93
46) 2-Chloronaphthalene	9.49	162	562778	19.28	ng		97
47) 2-Nitroaniline	9.58	65	238341	20.70	ng	#	86
48) Acenaphthylene	9.91	152	1019190	21.16	ng		98
49) Dimethylphthalate	9.77	163	684777	20.06	ng		98
50) 2,6-Dinitrotoluene	9.82	165	135220	17.84	ng	#	82
51) Acenaphthene	10.09	154	628059	20.92	ng		98
52) 3-Nitroaniline	9.99	138	177018	19.99	ng		93
53) 2,4-Dinitrophenol	10.10	184	66034	19.54	ng	#	52
54) Dibenzofuran	10.26	168	796538	20.50	ng		96
55) 4-Nitrophenol	10.14	139	148360	19.15	ng		90
56) 2,4-Dinitrotoluene	10.22	165	187448	18.58	ng	#	1
57) Fluorene	10.60	166	677032	20.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	127925	18.68	ng	#	73
59) Diethylphthalate	10.47	149	731592	20.71	ng	#	92
60) 4-Chlorophenyl-phenylether	10.59	204	280828	18.91	ng	#	81
61) 4-Nitroaniline	10.61	138	183777	20.60	ng		86
62) Azobenzene	10.75	77	859435	21.06	ng		87
64) 4,6-Dinitro-2-methylphenol	10.63	198	80216	18.01	ng		87
65) n-Nitrosodiphenylamine	10.71	169	574141	20.45	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	152218	18.53	ng	#	82
67) Hexachlorobenzene	11.15	284	172229	18.83	ng	#	66
68) Atrazine	11.23	200	129457	18.70	ng		96
69) Pentachlorophenol	11.34	266	110758	20.34	ng		98
70) Phenanthrene	11.57	178	885787	20.65	ng		96
71) Anthracene	11.62	178	913939	20.86	ng		97
72) Carbazole	11.77	167	810571	19.91	ng		98
73) Di-n-butylphthalate	12.11	149	1122773	22.67	ng	#	96
74) Fluoranthene	12.76	202	918465	21.83	ng		96
76) Benzidine	12.88	184	353679	19.72	ng		98
77) Pyrene	12.99	202	906042	19.92	ng		98
79) Butylbenzylphthalate	13.61	149	444659	19.06	ng	#	69
80) Benzo(a)anthracene	14.18	228	810615	21.18	ng		97
81) 3,3'-Dichlorobenzidine	14.14	252	288521	20.80	ng	#	98
82) Chrysene	14.22	228	762684	21.66	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	690388	20.82	ng		99
84) Di-n-octyl phthalate	14.80	149	1092101	22.21	ng		95
85) Indeno(1,2,3-cd)pyrene	17.22	276	488373	19.45	ng		93
87) Benzo(b)fluoranthene	15.25	252	589194	18.63	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	622065m	20.94	ng		
89) Benzo(a)pyrene	15.63	252	529477	19.42	ng	#	93
90) Dibenzo(a,h)anthracene	17.23	278	407338	17.56	ng	#	92
91) Benzo(g,h,i)perylene	17.66	276	380974	17.12	ng	#	92

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

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