Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093844.D
Acq On : 22 Mar 2017 20:45
Operator : SJ/MA
Sample : I2296-02
Misc : LOQ 20 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT2-2017

Quant Time: Mar 23 01:20:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:41:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	196865	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	806953	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	359624	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	615612	20.00	ng		0.00
75) Chrysene-d12	14.71	240	511792	20.00	ng		0.00
86) Perylene-d12	16.35	264	418204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.51	112	1491716	127.98	ng		0.00
7) Phenol-d6	5.57	99	1838223	127.49	ng		0.00
23) Nitrobenzene-d5	6.64	82	1364120	96.47	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	375929	132.29	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	2260503	95.87	ng		0.00
78) Terphenyl-d14	13.44	244	1930115	84.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	113683	20.30	ng		99
3) Pyridine	2.86	79	306546	20.09	ng		94
4) n-Nitrosodimethylamine	2.80	42	129103	20.56	ng		93
6) Aniline	5.61	93	413177	20.60	ng		98
8) 2-Chlorophenol	5.75	128	263091	20.54	ng		98
9) Benzaldehyde	5.48	77	208898	21.46	ng		100
10) Phenol	5.59	94	360141	21.95	ng		90
11) bis(2-Chloroethyl)ether	5.69	93	274985	21.44	ng		99
12) 1,3-Dichlorobenzene	5.92	146	307064	21.37	ng		100
13) 1,4-Dichlorobenzene	6.00	146	314139	21.58	ng		94
14) 1,2-Dichlorobenzene	6.19	146	284533	21.23	ng		95
15) Benzyl Alcohol	6.15	79	235428	22.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.31	45	424353	21.48	ng		98
17) 2-Methylphenol	6.27	107	228970	20.87	ng		98
18) Hexachloroethane	6.58	117	111912	21.88	ng	#	82
19) n-Nitroso-di-n-propylamine	6.47	70	198983	21.47	ng		99
20) 3+4-Methylphenols	6.46	107	283014	21.30	ng		92
22) Acetophenone	6.46	105	388369	21.59	ng		94
24) Nitrobenzene	6.66	77	294634	21.13	ng		95
25) Isophorone	6.94	82	521787	21.00	ng		97
26) 2-Nitrophenol	7.03	139	139215	20.93	ng		95
27) 2,4-Dimethylphenol	7.09	122	239017	20.86	ng		98
28) bis(2-Chloroethoxy)methane	7.20	93	349328	21.32	ng		99
29) 2,4-Dichlorophenol	7.32	162	225235	21.02	ng		98
30) 1,2,4-Trichlorobenzene	7.42	180	236268	21.41	ng		99
31) Naphthalene	7.52	128	838522	21.61	ng		100
32) Benzoic acid	7.20	122	139664	18.31	ng		96
33) 4-Chloroaniline	7.57	127	324371	20.63	ng		95
34) Hexachlorobutadiene	7.67	225	123735	21.86	ng		97
35) Caprolactam	8.00	113	68801	20.14	ng		97
36) 4-Chloro-3-methylphenol	8.17	107	234110	20.91	ng		87
37) 2-Methylnaphthalene	8.36	142	560890	21.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	216806	22.04	ng		100
40) Hexachlorocyclopentadiene	8.56	237	101876	22.13	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	146023	20.98	ng		95
43) 2,4,5-Trichlorophenol	8.75	196	159458	21.17	ng		95
45) 1,1'-Biphenyl	8.93	154	646685	22.29	ng		97
46) 2-Chloronaphthalene	8.96	162	494087	21.76	ng		96
47) 2-Nitroaniline	9.07	65	139574	20.72	ng		91
48) Acenaphthylene	9.46	152	823606	21.82	ng		98
49) Dimethylphthalate	9.32	163	550457	21.53	ng		100
50) 2,6-Dinitrotoluene	9.37	165	126157	21.53	ng	#	84
51) Acenaphthene	9.67	154	482751	21.92	ng		99
52) 3-Nitroaniline	9.57	138	140843	20.47	ng		95
53) 2,4-Dinitrophenol	9.70	184	47253	18.85	ng	#	71
54) Dibenzofuran	9.89	168	661662	22.07	ng		99
55) 4-Nitrophenol	9.78	139	108364	20.11	ng	#	66
56) 2,4-Dinitrotoluene	9.87	165	161547	21.95	ng	#	85
57) Fluorene	10.31	166	533224	21.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	110623	21.41	ng		99
59) Diethylphthalate	10.19	149	543361	21.51	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	231968	21.91	ng		92
61) 4-Nitroaniline	10.33	138	132280	20.03	ng		96
62) Azobenzene	10.51	77	516234	21.60	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	73068	19.38	ng		79
65) n-Nitrosodiphenylamine	10.46	169	464864	21.84	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	131337	21.69	ng		96
67) Hexachlorobenzene	10.99	284	133384	21.76	ng	#	86
68) Atrazine	11.12	200	138117	21.66	ng		95
69) Pentachlorophenol	11.22	266	77256	20.25	ng		96
70) Phenanthrene	11.49	178	751492	21.94	ng		99
71) Anthracene	11.55	178	775101	21.98	ng		99
72) Carbazole	11.74	167	767399	21.22	ng		99
73) Di-n-butylphthalate	12.20	149	841222	22.37	ng		98
74) Fluoranthene	12.95	202	759837	21.67	ng		98
76) Benzidine	13.12	184	396045	19.55	ng		95
77) Pyrene	13.23	202	795355	21.41	ng		99
79) Butylbenzylphthalate	14.04	149	338986	21.42	ng	#	85
80) Benzo(a)anthracene	14.70	228	634022	21.24	ng		98
81) 3,3'-Dichlorobenzidine	14.67	252	220535	20.67	ng	#	97
82) Chrysene	14.74	228	609766	22.02	ng		98
83) Bis(2-ethylhexyl)phthalate	14.76	149	498652	23.10	ng		99
84) Di-n-octyl phthalate	15.52	149	798772	22.15	ng		98
85) Indeno(1,2,3-cd)pyrene	17.73	276	466004	19.43	ng		98
87) Benzo(b)fluoranthene	15.93	252	543543	21.20	ng		99
88) Benzo(k)fluoranthene	15.96	252	545332	21.59	ng	#	96
89) Benzo(a)pyrene	16.29	252	495219	20.98	ng		98
90) Dibenzo(a,h)anthracene	17.76	278	403953	20.21	ng		99
91) Benzo(g,h,i)perylene	18.14	276	393177	19.51	ng		99

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

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