Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089144.D
Acq On : 20 Jul 2016 21:23
Operator : UM/SJ
Sample : H3606-04
Misc : LOQ 20PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL2016-02

Quant Time: Jul 21 02:34:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	60373	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	273621	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	134842	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	259050	20.00	ng		0.00
75) Chrysene-d12	13.73	240	205645	20.00	ng		0.00
86) Perylene-d12	15.06	264	165906	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	425846	107.28	ng		0.01
7) Phenol-d6	6.26	99	549920	107.43	ng		-0.01
23) Nitrobenzene-d5	7.18	82	375142	72.85	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	133545	110.00	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	660646	67.51	ng		-0.01
78) Terphenyl-d14	12.68	244	561983	59.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	20399	11.83	ng		92
3) Pyridine	2.80	79	44955	10.27	ng		96
4) n-Nitrosodimethylamine	2.72	42	23441	12.72	ng		96
6) Aniline	6.27	93	43395	6.27	ng	#	1
8) 2-Chlorophenol	6.39	128	64700	14.69	ng		86
9) Benzaldehyde	6.15	77	51342	16.43	ng		98
10) Phenol	6.27	94	80951	13.73	ng	#	60
11) bis(2-Chloroethyl)ether	6.35	93	62561	14.12	ng		96
12) 1,3-Dichlorobenzene	6.54	146	67067	13.79	ng		96
13) 1,4-Dichlorobenzene	6.62	146	71399	14.57	ng		96
14) 1,2-Dichlorobenzene	6.76	146	62026m	13.43	ng		
15) Benzyl Alcohol	6.75	79	61261	16.34	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.89	45	68639	13.60	ng	#	67
17) 2-Methylphenol	6.88	107	54428	15.69	ng		95
18) Hexachloroethane	7.11	117	26387	14.33	ng	#	90
19) n-Nitroso-di-n-propylamine	7.03	70	49170	14.69	ng		97
20) 3+4-Methylphenols	7.04	107	72960	15.49	ng		92
22) Acetophenone	7.02	105	94921	12.99	ng		99
24) Nitrobenzene	7.19	77	71905	13.24	ng		90
25) Isophorone	7.43	82	127392	13.42	ng		98
26) 2-Nitrophenol	7.51	139	33513	13.23	ng	#	87
27) 2,4-Dimethylphenol	7.56	122	54370	12.74	ng		95
28) bis(2-Chloroethoxy)methane	7.64	93	76106	12.82	ng		98
29) 2,4-Dichlorophenol	7.76	162	52421	13.63	ng		94
30) 1,2,4-Trichlorobenzene	7.83	180	55978	13.15	ng		97
31) Naphthalene	7.91	128	197081	13.35	ng		99
32) Benzoic acid	7.68	122	29243	8.91	ng		95
33) 4-Chloroaniline	7.96	127	28804	4.64	ng	#	90
34) Hexachlorobutadiene	8.03	225	28613	12.07	ng		98
35) Caprolactam	8.32	113	17306	14.49	ng		100
36) 4-Chloro-3-methylphenol	8.47	107	60449	13.04	ng		91
37) 2-Methylnaphthalene	8.59	142	127076	13.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	56836	11.34	ng		98
40) Hexachlorocyclopentadiene	8.75	237	13200	15.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	35125	12.52	ng		95
43) 2,4,5-Trichlorophenol	8.92	196	42057	14.94	ng	#	91
45) 1,1'-Biphenyl	9.06	154	161338	13.29	ng		96
46) 2-Chloronaphthalene	9.08	162	120969	13.11	ng		93
47) 2-Nitroaniline	9.19	65	38611	12.20	ng	#	76
48) Acenaphthylene	9.48	152	187455	12.92	ng		99
49) Dimethylphthalate	9.37	163	144548	13.97	ng		99
50) 2,6-Dinitrotoluene	9.43	165	32409	13.87	ng	#	83
51) Acenaphthene	9.66	154	107972	12.58	ng		99
52) 3-Nitroaniline	9.60	138	18320	6.60	ng		97
53) 2,4-Dinitrophenol	9.71	184	9589	15.72	ng	#	89
54) Dibenzofuran	9.84	168	171903	14.82	ng		90
55) 4-Nitrophenol	9.78	139	19484	11.61	ng		87
56) 2,4-Dinitrotoluene	9.83	165	41338	13.74	ng		97
57) Fluorene	10.17	166	138108	14.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	29449	14.56	ng		97
59) Diethylphthalate	10.07	149	152200	14.83	ng		97
60) 4-Chlorophenyl-phenylether	10.17	204	63711	14.18	ng	#	79
61) 4-Nitroaniline	10.20	138	33171	12.29	ng		96
62) Azobenzene	10.33	77	162176	14.54	ng		93
64) 4,6-Dinitro-2-methylphenol	10.24	198	18735	12.42	ng		88
65) n-Nitrosodiphenylamine	10.30	169	124331	14.36	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	34740	13.55	ng	#	78
67) Hexachlorobenzene	10.72	284	38072	13.81	ng	#	80
68) Atrazine	10.82	200	40299	14.88	ng		98
69) Pentachlorophenol	10.92	266	14603	11.48	ng		98
70) Phenanthrene	11.13	178	205544	14.46	ng		98
71) Anthracene	11.18	178	212963	14.42	ng		100
72) Carbazole	11.34	167	188463	14.53	ng		99
73) Di-n-butylphthalate	11.68	149	248270	15.47	ng		99
74) Fluoranthene	12.31	202	212439	14.22	ng		92
76) Benzidine	12.43	184	25923	3.67	ng		98
77) Pyrene	12.52	202	203598	11.99	ng		99
79) Butylbenzylphthalate	13.16	149	98226	13.67	ng	#	83
80) Benzo(a)anthracene	13.71	228	171058	13.06	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	45798	10.54	ng	#	98
82) Chrysene	13.75	228	172445	13.78	ng		100
83) Bis(2-ethylhexyl)phthalate	13.73	149	129014	13.54	ng	#	97
84) Di-n-octyl phthalate	14.33	149	203805	12.96	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	125148	13.77	ng		100
87) Benzo(b)fluoranthene	14.71	252	174502m	14.52	ng		
88) Benzo(k)fluoranthene	14.73	252	124803m	14.52	ng		
89) Benzo(a)pyrene	15.02	252	137605	14.75	ng	#	93
90) Dibenzo(a,h)anthracene	16.30	278	103779	14.09	ng	#	95
91) Benzo(g,h,i)perylene	16.65	276	102042	13.74	ng		98

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

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