Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
Data File : BF080959.D
Acq On : 10 Aug 2015 19:09
Operator : TP/UM
Sample : G3212-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-2MS

Quant Time: Aug 11 02:08:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	80857	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	324690	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	139180	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	257001	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	236785	20.00	ng		-0.03
86) Perylene-d12	15.32	264	202892	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	502705	101.58	ng		0.02
7) Phenol-d6	6.43	99	603174	88.94	ng		-0.01
23) Nitrobenzene-d5	7.36	82	462546	67.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	150049	98.13	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	651273	65.88	ng		-0.02
78) Terphenyl-d14	12.89	244	743447	64.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	70322	29.96	ng	#	83
3) Pyridine	3.20	79	131706m	19.79	ng		
4) n-Nitrosodimethylamine	3.13	42	93924	27.64	ng		96
6) Aniline	6.45	93	62213	6.24	ng	#	87
8) 2-Chlorophenol	6.58	128	152719	26.67	ng		94
9) Benzaldehyde	6.34	77	118461	25.91	ng		85
10) Phenol	6.44	94	208878	25.96	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	177229	29.50	ng		90
12) 1,3-Dichlorobenzene	6.73	146	154792m	25.47	ng		
13) 1,4-Dichlorobenzene	6.81	146	164560	26.06	ng		96
14) 1,2-Dichlorobenzene	6.96	146	143798	25.19	ng		99
15) Benzyl Alcohol	6.93	79	159350	28.71	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	322662	26.70	ng		98
17) 2-Methylphenol	7.05	107	132644	27.14	ng	#	93
18) Hexachloroethane	7.30	117	59943	24.77	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	126692	25.56	ng		98
20) 3+4-Methylphenols	7.21	107	168143	27.38	ng		96
22) Acetophenone	7.21	105	297259	37.36	ng	#	85
24) Nitrobenzene	7.37	77	179327	25.37	ng		99
25) Isophorone	7.62	82	354298	26.84	ng		99
26) 2-Nitrophenol	7.69	139	81123	27.28	ng		98
27) 2,4-Dimethylphenol	7.73	122	161509	29.01	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	196841	24.84	ng		97
29) 2,4-Dichlorophenol	7.93	162	123913	27.08	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	136164	27.23	ng		99
31) Naphthalene	8.09	128	456212	25.49	ng		99
32) Benzoic acid	7.82	122	43508	13.05	ng		95
33) 4-Chloroaniline	8.14	127	35105	4.83	ng		94
34) Hexachlorobutadiene	8.21	225	74954	25.19	ng		98
35) Caprolactam	8.52	113	44451m	27.01	ng		
36) 4-Chloro-3-methylphenol	8.64	107	150562	26.97	ng		96
37) 2-Methylnaphthalene	8.78	142	275661	24.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	143294	33.40	ng		98
40) Hexachlorocyclopentadiene	8.94	237	157467	67.26	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	83893	26.68	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	88247	27.85	ng	#	82
45) 1,1'-Biphenyl	9.25	154	475513	39.81	ng		99
46) 2-Chloronaphthalene	9.28	162	267427	28.72	ng		99
47) 2-Nitroaniline	9.37	65	99294	26.59	ng		95
48) Acenaphthylene	9.69	152	454612	28.08	ng		100
49) Dimethylphthalate	9.56	163	323897	28.02	ng	#	99
50) 2,6-Dinitrotoluene	9.62	165	73663	30.84	ng	#	52
51) Acenaphthene	9.86	154	282078	28.45	ng		99
52) 3-Nitroaniline	9.78	138	20824	7.07	ng		80
53) 2,4-Dinitrophenol	9.88	184	48527	37.01	ng	#	73
54) Dibenzofuran	10.03	168	392257	29.26	ng		99
55) 4-Nitrophenol	9.95	139	130303	59.12	ng	#	59
56) 2,4-Dinitrotoluene	10.02	165	100712	31.51	ng	#	72
57) Fluorene	10.37	166	320295	30.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68063m	27.14	ng		
59) Diethylphthalate	10.26	149	363162	30.18	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	129464	25.62	ng		96
61) 4-Nitroaniline	10.40	138	76464	25.24	ng		97
62) Azobenzene	10.52	77	377319	28.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	36879	23.15	ng	#	67
65) n-Nitrosodiphenylamine	10.49	169	279683	31.32	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	82380	30.26	ng		99
67) Hexachlorobenzene	10.91	284	88936	29.39	ng	#	53
68) Atrazine	11.01	200	94886	36.25	ng		99
69) Pentachlorophenol	11.12	266	118175	67.16	ng		96
70) Phenanthrene	11.33	178	450560	30.96	ng		100
71) Anthracene	11.38	178	446123	30.96	ng		100
72) Carbazole	11.54	167	449512	32.05	ng		100
73) Di-n-butylphthalate	11.87	149	553648	31.56	ng		99
74) Fluoranthene	12.51	202	514961	32.73	ng		97
76) Benzidine	12.64	184	133848	11.23	ng		96
77) Pyrene	12.74	202	566650	32.39	ng		99
79) Butylbenzylphthalate	13.36	149	232770	27.60	ng	#	64
80) Benzo(a)anthracene	13.92	228	462776	30.94	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	52240	9.60	ng	#	97
82) Chrysene	13.96	228	447125	31.22	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	329278	28.06	ng	#	95
84) Di-n-octyl phthalate	14.53	149	555990	27.95	ng		100
85) Indeno(1,2,3-cd)pyrene	16.67	276	340632	24.99	ng		98
87) Benzo(b)fluoranthene	14.93	252	424210m	30.07	ng		
88) Benzo(k)fluoranthene	14.96	252	331417m	26.85	ng		
89) Benzo(a)pyrene	15.27	252	350475	28.90	ng	#	96
90) Dibenzo(a,h)anthracene	16.68	278	292708	27.29	ng		98
91) Benzo(g,h,i)perylene	17.07	276	283463	27.17	ng		95

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

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