Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080972.D
Acq On : 11 Aug 2015 20:40
Operator : UM/IZ
Sample : G3212-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-2MSD

Manual Integrations APPROVED
apatel
8/12/2015 8:34:44 AM

Quant Time: Aug 12 05:43:21 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	70597	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	319328	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	159903	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	317756	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	253374	20.00	ng		-0.03
86) Perylene-d12	15.32	264	239315	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	503493	116.53	ng		0.02
7) Phenol-d6	6.43	99	614208	103.73	ng		-0.01
23) Nitrobenzene-d5	7.36	82	433581	64.23	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	168830	96.11	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	752387	66.24	ng		-0.02
78) Terphenyl-d14	12.89	244	813143	66.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	59111	28.84	ng	#	79
3) Pyridine	3.20	79	97886m	16.84	ng		
4) n-Nitrosodimethylamine	3.12	42	90160	30.39	ng		84
6) Aniline	6.45	93	62908	7.23	ng	#	76
8) 2-Chlorophenol	6.58	128	149722	29.95	ng		97
9) Benzaldehyde	6.33	77	110886	27.78	ng		94
10) Phenol	6.44	94	205816	29.30	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	170002m	32.41	ng		
12) 1,3-Dichlorobenzene	6.73	146	148899m	28.06	ng		
13) 1,4-Dichlorobenzene	6.81	146	145816	26.45	ng		98
14) 1,2-Dichlorobenzene	6.96	146	136768	27.44	ng		96
15) Benzyl Alcohol	6.93	79	136393	28.15	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	296819	28.13	ng		96
17) 2-Methylphenol	7.05	107	125124	29.32	ng	#	91
18) Hexachloroethane	7.30	117	58526	27.70	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	114265	26.40	ng		95
20) 3+4-Methylphenols	7.21	107	157413	29.36	ng		92
22) Acetophenone	7.21	105	278482	35.59	ng	#	86
24) Nitrobenzene	7.37	77	164991	23.74	ng		99
25) Isophorone	7.62	82	362096	27.89	ng		98
26) 2-Nitrophenol	7.69	139	83272	28.47	ng		97
27) 2,4-Dimethylphenol	7.73	122	160360	29.29	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	203266	26.08	ng		98
29) 2,4-Dichlorophenol	7.93	162	124702	27.71	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	131423	26.72	ng		98
31) Naphthalene	8.09	128	452745	25.72	ng		99
32) Benzoic acid	7.81	122	22455	6.85	ng		90
33) 4-Chloroaniline	8.14	127	38043	5.32	ng		95
34) Hexachlorobutadiene	8.21	225	79220	27.07	ng		98
35) Caprolactam	8.52	113	46813m	28.92	ng		
36) 4-Chloro-3-methylphenol	8.64	107	158100	28.79	ng		96
37) 2-Methylnaphthalene	8.78	142	294427	26.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	154475	31.34	ng		99
40) Hexachlorocyclopentadiene	8.94	237	175114	65.10	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	99099	27.43	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	107323	29.48	ng	#	83
45) 1,1'-Biphenyl	9.25	154	538675	39.25	ng		99
46) 2-Chloronaphthalene	9.28	162	309033	28.88	ng		99
47) 2-Nitroaniline	9.37	65	122504	28.56	ng		96
48) Acenaphthylene	9.69	152	523927	28.17	ng		100
49) Dimethylphthalate	9.56	163	374208	28.17	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	82280	29.98	ng	#	52
51) Acenaphthene	9.86	154	326241	28.64	ng		99
52) 3-Nitroaniline	9.78	138	32148	9.50	ng		86
53) 2,4-Dinitrophenol	9.88	184	36228	26.20	ng		89
54) Dibenzofuran	10.03	168	427273	27.74	ng		99
55) 4-Nitrophenol	9.95	139	136536	53.92	ng	#	60
56) 2,4-Dinitrotoluene	10.02	165	108279	29.49	ng	#	70
57) Fluorene	10.37	166	335062	28.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	72039m	25.00	ng		
59) Diethylphthalate	10.26	149	393243	28.44	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	133816	23.05	ng		97
61) 4-Nitroaniline	10.40	138	76248	21.90	ng		95
62) Azobenzene	10.52	77	375702	24.30	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	29059	14.76	ng		79
65) n-Nitrosodiphenylamine	10.49	169	282036	25.55	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	89747	26.67	ng		99
67) Hexachlorobenzene	10.92	284	106978	28.59	ng		97
68) Atrazine	11.01	200	109560	33.85	ng		96
69) Pentachlorophenol	11.12	266	139548	64.14	ng		98
70) Phenanthrene	11.32	178	486590	27.04	ng		99
71) Anthracene	11.38	178	512343	28.76	ng		100
72) Carbazole	11.54	167	471654	27.19	ng		100
73) Di-n-butylphthalate	11.87	149	611171	28.18	ng		99
74) Fluoranthene	12.51	202	549789	28.27	ng		97
76) Benzidine	12.64	184	136605	10.78	ng		96
77) Pyrene	12.74	202	569777	30.44	ng		99
79) Butylbenzylphthalate	13.36	149	263146	29.16	ng	#	69
80) Benzo(a)anthracene	13.92	228	481153	30.06	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	78853	13.54	ng	#	96
82) Chrysene	13.95	228	452039	29.50	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	346459	27.59	ng	#	93
84) Di-n-octyl phthalate	14.53	149	639255	30.03	ng		98
85) Indeno(1,2,3-cd)pyrene	16.66	276	400463	27.46	ng		100
87) Benzo(b)fluoranthene	14.93	252	503308m	30.24	ng		
88) Benzo(k)fluoranthene	14.96	252	375330m	25.78	ng		
89) Benzo(a)pyrene	15.27	252	419062	29.30	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	337603	26.69	ng		100
91) Benzo(g,h,i)perylene	17.07	276	322460	26.21	ng		98

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

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