Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080971.D
Acq On : 11 Aug 2015 20:08
Operator : UM/IZ
Sample : G3212-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-2MS

Manual Integrations APPROVED
apatel
8/12/2015 8:34:36 AM

Quant Time: Aug 12 05:41:44 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	63167	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	295127	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	136999	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	261157	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	224898	20.00	ng		-0.03
86) Perylene-d12	15.32	264	175237	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	413281	106.90	ng		0.02
7) Phenol-d6	6.43	99	481825	90.95	ng		-0.01
23) Nitrobenzene-d5	7.36	82	379368	60.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	154648	102.75	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	632410	64.99	ng		-0.02
78) Terphenyl-d14	12.89	244	729145	66.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	54851	29.91	ng	#	80
3) Pyridine	3.20	79	92225m	17.73	ng		
4) n-Nitrosodimethylamine	3.12	42	83313	31.38	ng		87
6) Aniline	6.45	93	50857	6.53	ng	#	80
8) 2-Chlorophenol	6.58	128	123753	27.66	ng		96
9) Benzaldehyde	6.33	77	85490	23.94	ng		87
10) Phenol	6.44	94	165172	26.28	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	136947m	29.18	ng		
12) 1,3-Dichlorobenzene	6.73	146	123286m	25.97	ng		
13) 1,4-Dichlorobenzene	6.81	146	126907	25.72	ng		95
14) 1,2-Dichlorobenzene	6.96	146	114472	25.67	ng		96
15) Benzyl Alcohol	6.93	79	115549	26.65	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266387	28.21	ng		97
17) 2-Methylphenol	7.05	107	107388	28.12	ng	#	89
18) Hexachloroethane	7.30	117	48949	25.90	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	103103	26.63	ng		92
20) 3+4-Methylphenols	7.21	107	134204	27.98	ng		90
22) Acetophenone	7.21	105	240119	33.21	ng	#	88
24) Nitrobenzene	7.37	77	143901	22.40	ng		98
25) Isophorone	7.62	82	338494	28.21	ng		99
26) 2-Nitrophenol	7.69	139	76725	28.38	ng		95
27) 2,4-Dimethylphenol	7.73	122	151584	29.95	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	184653	25.63	ng		98
29) 2,4-Dichlorophenol	7.93	162	112184	26.98	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	122921	27.04	ng		99
31) Naphthalene	8.09	128	401762	24.70	ng		99
32) Benzoic acid	7.82	122	40167	13.26	ng		89
33) 4-Chloroaniline	8.14	127	34591	5.23	ng		96
34) Hexachlorobutadiene	8.21	225	68893	25.47	ng		98
35) Caprolactam	8.51	113	34517m	23.07	ng		
36) 4-Chloro-3-methylphenol	8.64	107	125750	24.78	ng		98
37) 2-Methylnaphthalene	8.78	142	247328	23.88	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	145793	34.52	ng		98
40) Hexachlorocyclopentadiene	8.94	237	151208	65.61	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	77983	25.19	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	88232	28.29	ng	#	84
45) 1,1'-Biphenyl	9.25	154	429611	36.54	ng		99
46) 2-Chloronaphthalene	9.28	162	227414	24.81	ng		99
47) 2-Nitroaniline	9.37	65	91730	24.96	ng		92
48) Acenaphthylene	9.69	152	425374	26.69	ng		99
49) Dimethylphthalate	9.55	163	286952	25.21	ng		100
50) 2,6-Dinitrotoluene	9.61	165	59813	25.44	ng		95
51) Acenaphthene	9.86	154	283865	29.08	ng		99
52) 3-Nitroaniline	9.78	138	23109	7.97	ng		81
53) 2,4-Dinitrophenol	9.88	184	47846	37.07	ng	#	78
54) Dibenzofuran	10.03	168	368057	27.89	ng		99
55) 4-Nitrophenol	9.95	139	119056	54.87	ng	#	75
56) 2,4-Dinitrotoluene	10.02	165	86781	27.59	ng	#	65
57) Fluorene	10.37	166	322236	31.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	65130m	26.38	ng		
59) Diethylphthalate	10.26	149	301895	25.49	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	127721	25.67	ng		99
61) 4-Nitroaniline	10.40	138	76008	25.49	ng		93
62) Azobenzene	10.52	77	373177	28.17	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	40172	24.82	ng		92
65) n-Nitrosodiphenylamine	10.49	169	281248	31.00	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	84210	30.44	ng		94
67) Hexachlorobenzene	10.91	284	80736	26.25	ng	#	60
68) Atrazine	11.01	200	85034	31.97	ng		98
69) Pentachlorophenol	11.10	266	102975	57.59	ng		96
70) Phenanthrene	11.32	178	373643	25.27	ng		98
71) Anthracene	11.38	178	447176	30.54	ng		99
72) Carbazole	11.53	167	375382	26.33	ng	#	97
73) Di-n-butylphthalate	11.87	149	528909	29.67	ng		99
74) Fluoranthene	12.51	202	473027	29.59	ng		96
76) Benzidine	12.62	184	121575	10.81	ng		97
77) Pyrene	12.73	202	449340	27.05	ng		99
79) Butylbenzylphthalate	13.36	149	216464	27.03	ng	#	73
80) Benzo(a)anthracene	13.92	228	390889	27.52	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	58014	11.23	ng	#	99
82) Chrysene	13.95	228	333714	24.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	284386	25.52	ng	#	94
84) Di-n-octyl phthalate	14.52	149	479469	25.38	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	296101	22.87	ng		98
87) Benzo(b)fluoranthene	14.93	252	399518m	32.79	ng		
88) Benzo(k)fluoranthene	14.96	252	292323m	27.42	ng		
89) Benzo(a)pyrene	15.27	252	319148	30.47	ng	#	97
90) Dibenzo(a,h)anthracene	16.68	278	253713	27.39	ng		97
91) Benzo(g,h,i)perylene	17.07	276	228453	25.36	ng	#	93

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

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