Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080948.D
Acq On : 8 Aug 2015 4:10
Operator : TP/UM
Sample : G3212-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-5MSD

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:20:40 PM

Quant Time: Aug 08 04:42:11 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	6.81	152	47525	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	210107	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	97105	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	189452	20.00	ng		0.01
75) Chrysene-d12	13.96	240	139144	20.00	ng		0.00
86) Perylene-d12	15.37	264	130249	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	367784	126.44	ng		0.03
7) Phenol-d6	6.46	99	570168	143.05	ng		0.02
23) Nitrobenzene-d5	7.38	82	322242	72.55	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	130329	122.17	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	464973	67.41	ng		0.00
78) Terphenyl-d14	12.91	244	469905	69.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	49126	35.61	ng		95
3) Pyridine	3.09	79	115696	29.57	ng		95
4) n-Nitrosodimethylamine	3.04	42	74294	37.20	ng		96
6) Aniline	6.48	93	66889	11.42	ng	#	1
8) 2-Chlorophenol	6.60	128	123612	36.73	ng		99
9) Benzaldehyde	6.35	77	108723	40.47	ng		96
10) Phenol	6.48	94	175349	37.08	ng		93
11) bis(2-Chloroethyl)ether	6.54	93	113972	32.28	ng		92
12) 1,3-Dichlorobenzene	6.75	146	120913	33.85	ng	#	94
13) 1,4-Dichlorobenzene	6.83	146	134008	36.10	ng		96
14) 1,2-Dichlorobenzene	6.98	146	110536	32.94	ng		96
15) Benzyl Alcohol	6.97	79	190337	58.35	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	237372	33.41	ng		92
17) 2-Methylphenol	7.08	107	106990	37.24	ng	#	93
18) Hexachloroethane	7.32	117	45930	32.30	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	92647	31.80	ng		94
20) 3+4-Methylphenols	7.23	107	133769	37.06	ng		94
22) Acetophenone	7.22	105	223105	43.34	ng	#	89
24) Nitrobenzene	7.40	77	138212	30.22	ng	#	81
25) Isophorone	7.64	82	263713	30.87	ng		96
26) 2-Nitrophenol	7.71	139	53507	27.80	ng	#	83
27) 2,4-Dimethylphenol	7.76	122	108998	30.25	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	139086	27.12	ng		98
29) 2,4-Dichlorophenol	7.96	162	99569	33.63	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	143623	44.38	ng		97
31) Naphthalene	8.12	128	381721	32.96	ng		99
32) Benzoic acid	7.84	122	6369	2.95	ng		94
33) 4-Chloroaniline	8.17	127	35125	7.46	ng		96
34) Hexachlorobutadiene	8.24	225	56655	29.42	ng		99
35) Caprolactam	8.53	113	41913	39.35	ng	#	67
36) 4-Chloro-3-methylphenol	8.66	107	107486	29.75	ng		95
37) 2-Methylnaphthalene	8.81	142	208102	28.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	124169	41.48	ng		98
40) Hexachlorocyclopentadiene	8.97	237	36137	22.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	78239	35.66	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	75870	34.32	ng		97
45) 1,1'-Biphenyl	9.28	154	346709	41.60	ng		99
46) 2-Chloronaphthalene	9.30	162	209612	32.26	ng		96
47) 2-Nitroaniline	9.39	65	80631	30.95	ng		90
48) Acenaphthylene	9.71	152	351404	31.11	ng		100
49) Dimethylphthalate	9.58	163	396533	49.16	ng		98
50) 2,6-Dinitrotoluene	9.64	165	60985	36.60	ng	#	56
51) Acenaphthene	9.88	154	201830	29.17	ng		99
52) 3-Nitroaniline	9.80	138	35992	17.52	ng		92
53) 2,4-Dinitrophenol	9.90	184	8151	13.57	ng	#	84
54) Dibenzofuran	10.05	168	306640	32.78	ng		99
55) 4-Nitrophenol	9.98	139	115221	74.92	ng		97
56) 2,4-Dinitrotoluene	10.04	165	82815	37.14	ng	#	65
57) Fluorene	10.40	166	258853	35.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	59292	33.89	ng		95
59) Diethylphthalate	10.28	149	276780	32.96	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	112261	31.84	ng	#	73
61) 4-Nitroaniline	10.42	138	63169	29.88	ng		98
62) Azobenzene	10.54	77	319997	34.08	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	15330	13.06	ng	#	74
65) n-Nitrosodiphenylamine	10.51	169	233650	35.50	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	62154	30.98	ng		90
67) Hexachlorobenzene	10.94	284	76055	34.09	ng	#	88
68) Atrazine	11.05	200	84971	44.03	ng		92
69) Pentachlorophenol	11.14	266	80827	62.31	ng		99
70) Phenanthrene	11.36	178	468809	43.70	ng		99
71) Anthracene	11.40	178	354729	33.40	ng		100
72) Carbazole	11.56	167	324217	31.35	ng	#	97
73) Di-n-butylphthalate	11.89	149	461146	35.67	ng		100
74) Fluoranthene	12.55	202	752300	64.87	ng		98
76) Benzidine	12.67	184	268640	52.48	ng		97
77) Pyrene	12.77	202	656093	63.83	ng		99
79) Butylbenzylphthalate	13.39	149	187521	37.84	ng	#	82
80) Benzo(a)anthracene	13.95	228	399108	45.41	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	192992	60.36	ng	#	97
82) Chrysene	13.99	228	343096	40.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	256030	37.13	ng	#	98
84) Di-n-octyl phthalate	14.56	149	370727	31.71	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	257915	32.20	ng		98
87) Benzo(b)fluoranthene	14.97	252	368122m	40.64	ng		
88) Benzo(k)fluoranthene	15.00	252	323579m	40.84	ng		
89) Benzo(a)pyrene	15.31	252	319462	41.04	ng	#	95
90) Dibenzo(a,h)anthracene	16.75	278	203976	29.63	ng		98
91) Benzo(g,h,i)perylene	17.14	276	198884	29.70	ng		97

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

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