Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082421.D
Acq On : 21 Oct 2015 23:19
Operator : UM/IZ
Sample : G4071-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11-WASTE-CHAR.-2MSD

Quant Time: Oct 22 11:04:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107380	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	423698	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	218538	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	413780	20.00	ng		0.00
75) Chrysene-d12	13.97	240	321162	20.00	ng		-0.05
86) Perylene-d12	15.43	264	250902	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	687853	129.28	ng		0.02
7) Phenol-d6	6.42	99	802179	115.86	ng		0.00
23) Nitrobenzene-d5	7.35	82	598318	94.83	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	212698	103.78	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1211126	91.91	ng		0.00
78) Terphenyl-d14	12.89	244	1024162	84.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	92230	34.50	ng	#	84
3) Pyridine	3.17	79	124545m	20.03	ng		
4) n-Nitrosodimethylamine	3.09	42	102683	38.94	ng		99
6) Aniline	6.45	93	41253	4.62	ng	#	1
8) 2-Chlorophenol	6.56	128	260150	40.05	ng		94
9) Benzaldehyde	6.32	77	46865	13.25	ng		97
10) Phenol	6.43	94	287420	36.01	ng		89
11) bis(2-Chloroethyl)ether	6.51	93	257949	38.21	ng		96
12) 1,3-Dichlorobenzene	6.71	146	288008	38.08	ng		99
13) 1,4-Dichlorobenzene	6.79	146	301190	38.13	ng		100
14) 1,2-Dichlorobenzene	6.94	146	269760	35.96	ng		98
15) Benzyl Alcohol	6.93	79	206870	43.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	359330	38.22	ng		79
17) 2-Methylphenol	7.04	107	203517	39.62	ng		97
18) Hexachloroethane	7.28	117	103267	38.19	ng	#	89
19) n-Nitroso-di-n-propylamine	7.19	70	186173	38.29	ng	#	85
20) 3+4-Methylphenols	7.20	107	253585	41.43	ng	#	74
22) Acetophenone	7.19	105	353236	42.15	ng		92
24) Nitrobenzene	7.36	77	254170	37.22	ng		98
25) Isophorone	7.60	82	503659	39.55	ng		100
26) 2-Nitrophenol	7.68	139	148192	43.46	ng		95
27) 2,4-Dimethylphenol	7.73	122	243530	44.33	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	327318	44.18	ng		99
29) 2,4-Dichlorophenol	7.92	162	231796	42.21	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	250753	39.61	ng		99
31) Naphthalene	8.08	128	759797	41.37	ng		100
32) Benzoic acid	7.86	122	127667	34.62	ng		96
33) 4-Chloroaniline	8.15	127	32774	4.30	ng		97
34) Hexachlorobutadiene	8.19	225	154532	39.18	ng		98
35) Caprolactam	8.51	113	55429m	34.78	ng		
36) 4-Chloro-3-methylphenol	8.63	107	225729	42.03	ng		98
37) 2-Methylnaphthalene	8.78	142	548535	43.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	255865	39.36	ng		98
40) Hexachlorocyclopentadiene	8.93	237	191594	60.51	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	166392	38.54	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	184483	39.45	ng		98
45) 1,1'-Biphenyl	9.23	154	626391	37.59	ng		99
46) 2-Chloronaphthalene	9.27	162	513459	39.14	ng		99
47) 2-Nitroaniline	9.37	65	151071	41.95	ng	#	72
48) Acenaphthylene	9.68	152	833764	40.80	ng		100
49) Dimethylphthalate	9.54	163	606530	39.41	ng		100
50) 2,6-Dinitrotoluene	9.61	165	131315	40.44	ng	#	83
51) Acenaphthene	9.85	154	498396	40.62	ng		98
52) 3-Nitroaniline	9.78	138	26245	7.16	ng		99
53) 2,4-Dinitrophenol	9.90	184	144457	79.64	ng	#	89
54) Dibenzofuran	10.02	168	694480	41.23	ng		99
55) 4-Nitrophenol	9.95	139	142049	61.71	ng	#	78
56) 2,4-Dinitrotoluene	10.02	165	178131	43.89	ng		90
57) Fluorene	10.37	166	581069	42.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	149261	39.06	ng		97
59) Diethylphthalate	10.25	149	620582	43.26	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	260767	41.15	ng		98
61) 4-Nitroaniline	10.40	138	120856	33.97	ng		95
62) Azobenzene	10.51	77	568795	40.51	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	92430	39.80	ng	#	58
65) n-Nitrosodiphenylamine	10.48	169	479283	38.69	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	154753	37.37	ng		93
67) Hexachlorobenzene	10.91	284	176128	39.33	ng		95
68) Atrazine	11.02	200	159356	40.60	ng		95
69) Pentachlorophenol	11.11	266	170361	73.92	ng		98
70) Phenanthrene	11.33	178	813843	40.13	ng		100
71) Anthracene	11.38	178	918558	43.95	ng		100
72) Carbazole	11.54	167	779437	40.88	ng		98
73) Di-n-butylphthalate	11.86	149	939492	39.94	ng		100
74) Fluoranthene	12.52	202	853329	39.17	ng		98
76) Benzidine	12.65	184	40921	4.40	ng		97
77) Pyrene	12.74	202	859888	45.12	ng		99
79) Butylbenzylphthalate	13.37	149	417370	47.98	ng		89
80) Benzo(a)anthracene	13.96	228	674597	40.37	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	103599	16.33	ng	#	98
82) Chrysene	13.99	228	706189	40.11	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	563560	45.41	ng		99
84) Di-n-octyl phthalate	14.60	149	904995	42.47	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	549717	39.28	ng		98
87) Benzo(b)fluoranthene	15.02	252	546652m	35.81	ng		
88) Benzo(k)fluoranthene	15.05	252	604679m	47.13	ng		
89) Benzo(a)pyrene	15.37	252	539506	41.13	ng	#	97
90) Dibenzo(a,h)anthracene	16.82	278	460594	42.84	ng		97
91) Benzo(g,h,i)perylene	17.24	276	463254	44.36	ng		98

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

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