Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083255.D
Acq On : 25 Nov 2015 00:07
Operator : UM/IZ
Sample : G4518-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-WASTECHARCTARIZATIONM

Manual Integrations APPROVED
Mmdadoda
11/25/2015 12:54:47 PM

Quant Time: Nov 25 02:29:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	168823	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	658454	20.00	ng		-0.06
38) Acenaphthene-d10	9.64	164	324784	20.00	ng		-0.06
63) Phenanthrene-d10	11.12	188	625114	20.00	ng		-0.06
75) Chrysene-d12	13.75	240	475175	20.00	ng		-0.06
86) Perylene-d12	15.11	264	403577	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1373097	122.96	ng		-0.06
7) Phenol-d6	6.28	99	1758162	121.69	ng		-0.06
23) Nitrobenzene-d5	7.19	82	1308514	90.81	ng		-0.05
41) 2,4,6-Tribromophenol	10.44	330	467929	140.83	ng		-0.05
44) 2-Fluorobiphenyl	8.98	172	1925054	82.65	ng		-0.05
78) Terphenyl-d14	12.71	244	1941168	96.20	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	174649	31.57	ng		94
3) Pyridine	2.83	79	446326	30.55	ng		93
4) n-Nitrosodimethylamine	2.74	42	288314	42.79	ng		92
6) Aniline	6.28	93	346823	19.64	ng	#	47
8) 2-Chlorophenol	6.41	128	482226	39.97	ng		85
9) Benzaldehyde	6.16	77	220500	27.86	ng		95
10) Phenol	6.30	94	690892	39.53	ng		80
11) bis(2-Chloroethyl)ether	6.35	93	590227	47.29	ng		92
12) 1,3-Dichlorobenzene	6.55	146	525267	38.13	ng		97
13) 1,4-Dichlorobenzene	6.63	146	551349	39.57	ng		97
14) 1,2-Dichlorobenzene	6.79	146	490882	38.76	ng		95
15) Benzyl Alcohol	6.78	79	519041	42.99	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	988360	50.78	ng		88
17) 2-Methylphenol	6.90	107	437910	43.87	ng		96
18) Hexachloroethane	7.12	117	187159	38.13	ng	#	79
19) n-Nitroso-di-n-propylamine	7.04	70	438707	43.63	ng		98
20) 3+4-Methylphenols	7.06	107	582303	46.14	ng		97
22) Acetophenone	7.03	105	775074	41.00	ng	#	96
24) Nitrobenzene	7.20	77	589100	38.26	ng		96
25) Isophorone	7.45	82	1193136	43.73	ng		98
26) 2-Nitrophenol	7.52	139	252835	37.20	ng	#	84
27) 2,4-Dimethylphenol	7.59	122	471643	43.48	ng		91
28) bis(2-Chloroethoxy)methane	7.67	93	724226	45.65	ng		99
29) 2,4-Dichlorophenol	7.77	162	435501	42.21	ng		94
30) 1,2,4-Trichlorobenzene	7.85	180	444208	39.19	ng		99
31) Naphthalene	7.92	128	1866954	52.54	ng		98
32) Benzoic acid	7.74	122	281064	33.33	ng		99
33) 4-Chloroaniline	7.99	127	166607	12.08	ng	#	89
34) Hexachlorobutadiene	8.04	225	254226	37.96	ng		99
35) Caprolactam	8.36	113	126650m	38.30	ng		
36) 4-Chloro-3-methylphenol	8.49	107	514747	43.07	ng		91
37) 2-Methylnaphthalene	8.62	142	1033896	44.83	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	425154	40.39	ng		98
40) Hexachlorocyclopentadiene	8.78	237	428306	71.56	ng		98

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Quant Time: Nov 25 02:29:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	311117	41.27	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	336436	43.64	ng	#	86
45) 1,1'-Biphenyl	9.08	154	1200266	43.42	ng		100
46) 2-Chloronaphthalene	9.10	162	912202	42.01	ng		93
47) 2-Nitroaniline	9.21	65	390487	50.84	ng	#	79
48) Acenaphthylene	9.51	152	1467477	43.61	ng		99
49) Dimethylphthalate	9.39	163	1098653	43.94	ng		99
50) 2,6-Dinitrotoluene	9.45	165	265762	47.37	ng	#	82
51) Acenaphthene	9.68	154	868506	42.41	ng		99
52) 3-Nitroaniline	9.62	138	113702	19.01	ng		92
53) 2,4-Dinitrophenol	9.72	184	243923	75.46	ng		93
54) Dibenzofuran	9.86	168	1356072	46.83	ng		95
55) 4-Nitrophenol	9.82	139	356753	77.78	ng	#	77
56) 2,4-Dinitrotoluene	9.85	165	319410	44.93	ng		95
57) Fluorene	10.19	166	1009979	42.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	287454	45.46	ng		95
59) Diethylphthalate	10.09	149	1100940	44.23	ng		98
60) 4-Chlorophenyl-phenylether	10.19	204	485612	44.31	ng		93
61) 4-Nitroaniline	10.24	138	258534	43.90	ng		97
62) Azobenzene	10.35	77	1431052	50.37	ng		98
64) 4,6-Dinitro-2-methylphenol	10.26	198	181364	42.11	ng		88
65) n-Nitrosodiphenylamine	10.32	169	970235	45.63	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	299934	43.24	ng	#	89
67) Hexachlorobenzene	10.74	284	338907	44.37	ng		99
68) Atrazine	10.86	200	327482	53.04	ng		96
69) Pentachlorophenol	10.95	266	383188	77.01	ng		97
70) Phenanthrene	11.15	178	1689916	46.92	ng		99
71) Anthracene	11.20	178	1548811	42.15	ng		100
72) Carbazole	11.36	167	1409978	43.17	ng		98
73) Di-n-butylphthalate	11.70	149	1695815	42.54	ng		100
74) Fluoranthene	12.33	202	1612635	43.75	ng		99
76) Benzidine	12.47	184	757042	60.79	ng		99
77) Pyrene	12.56	202	1737752	53.53	ng		99
79) Butylbenzylphthalate	13.19	149	704023	45.82	ng	#	84
80) Benzo(a)anthracene	13.74	228	1422075	48.39	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	226685	22.16	ng	#	98
82) Chrysene	13.78	228	1265436	46.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	956944	47.69	ng	#	96
84) Di-n-octyl phthalate	14.37	149	1388070	40.18	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.35	276	1126372	45.44	ng		96
87) Benzo(b)fluoranthene	14.74	252	1114955m	40.43	ng		
88) Benzo(k)fluoranthene	14.77	252	951195m	46.30	ng		
89) Benzo(a)pyrene	15.05	252	972947	42.74	ng	#	95
90) Dibenzo(a,h)anthracene	16.37	278	950296	45.95	ng		98
91) Benzo(g,h,i)perylene	16.72	276	955924	47.35	ng	#	95

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

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