Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077135.D
Acq On : 29 Jan 2015 21:39
Operator : TP/IZ
Sample : G1178-04MSD
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-COMPOSITE4MSD

Quant Time: Jan 30 03:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 01:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29636	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	121990	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	65694	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	108250	20.00	ng		0.00
75) Chrysene-d12	21.08	240	115327	20.00	ng		0.00
86) Perylene-d12	22.72	264	98084	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.72	112	186981	103.73	ng		0.01
7) Phenol-d6	7.10	99	219871	96.69	ng		0.00
23) Nitrobenzene-d5	9.00	82	154244	70.05	ng		0.01
41) 2,4,6-Tribromophenol	16.45	330	61724	115.75	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	316011	73.20	ng		0.00
78) Terphenyl-d14	19.81	244	335995	67.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.14	88	17858	23.14	ng		97
3) Pyridine	1.59	79	43623	21.84	ng		90
4) n-Nitrosodimethylamine	1.53	42	32740	33.09	ng		100
6) Aniline	6.98	93	18769	5.96	ng	#	85
8) 2-Chlorophenol	7.21	128	70351	33.86	ng		95
9) Benzaldehyde	6.70	77	7005	4.17	ng		91
10) Phenol	7.13	94	76046	31.49	ng		94
11) bis(2-Chloroethyl)ether	7.24	93	67299	35.62	ng	#	76
12) 1,3-Dichlorobenzene	7.53	146	77401	32.74	ng		97
13) 1,4-Dichlorobenzene	7.73	146	77528	30.93	ng		99
14) 1,2-Dichlorobenzene	8.04	146	76882	33.28	ng		97
15) Benzyl Alcohol	8.13	79	63307	34.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	81384	32.05	ng		82
17) 2-Methylphenol	8.49	107	57728	33.99	ng		98
18) Hexachloroethane	8.78	117	29290	33.59	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	52384	32.91	ng		97
20) 3+4-Methylphenols	8.88	107	70995m	31.57	ng		
22) Acetophenone	8.68	105	107420	35.95	ng		98
24) Nitrobenzene	9.03	77	76224	33.98	ng		99
25) Isophorone	9.64	82	140397	35.01	ng		97
26) 2-Nitrophenol	9.77	139	37310	33.05	ng	#	85
27) 2,4-Dimethylphenol	10.07	122	63392	36.55	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	83823	36.78	ng		98
29) 2,4-Dichlorophenol	10.39	162	59683m	36.92	ng		
30) 1,2,4-Trichlorobenzene	10.50	180	62807	34.98	ng		99
31) Naphthalene	10.64	128	224515	35.75	ng		99
32) Benzoic acid	10.46	122	34771	36.18	ng		95
33) 4-Chloroaniline	10.92	127	10370	4.09	ng		97
34) Hexachlorobutadiene	11.01	225	35440	33.26	ng		94
35) Caprolactam	11.74	113	12225	25.68	ng		94
36) 4-Chloro-3-methylphenol	12.21	107	66647	36.00	ng		98
37) 2-Methylnaphthalene	12.30	142	151246	35.26	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	57803	35.59	ng		98
40) Hexachlorocyclopentadiene	12.69	237	57117	66.17	ng		91

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Quant Time: Jan 30 03:04:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 30 01:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	42327	35.77	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	43277	35.86	ng	#	95
45) 1,1'-Biphenyl	13.45	154	176546	36.25	ng		99
46) 2-Chloronaphthalene	13.42	162	141731	35.36	ng		100
47) 2-Nitroaniline	13.77	65	44387	36.51	ng	#	83
48) Acenaphthylene	14.37	152	231555	34.25	ng		99
49) Dimethylphthalate	14.33	163	175809	37.74	ng		100
50) 2,6-Dinitrotoluene	14.43	165	36483	39.19	ng		97
51) Acenaphthene	14.79	154	131075	34.17	ng		97
52) 3-Nitroaniline	14.78	138	7031	7.38	ng		97
53) 2,4-Dinitrophenol	15.05	184	32583	75.39	ng		95
54) Dibenzofuran	15.21	168	200804	35.94	ng		98
55) 4-Nitrophenol	15.39	139	45156	61.83	ng		92
56) 2,4-Dinitrotoluene	15.35	165	49672	36.14	ng		91
57) Fluorene	15.98	166	166777	35.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	34561	39.33	ng	#	95
59) Diethylphthalate	15.98	149	174762	37.12	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	71343	36.84	ng		95
61) 4-Nitroaniline	16.13	138	27200	23.92	ng		94
62) Azobenzene	16.37	77	178332	36.35	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	23946	35.36	ng		89
65) n-Nitrosodiphenylamine	16.32	169	137161	35.54	ng		98
66) 4-Bromophenyl-phenylether	16.94	248	39801	36.29	ng		91
67) Hexachlorobenzene	16.95	284	43861	37.95	ng		98
68) Atrazine	17.33	200	43814	37.41	ng		96
69) Pentachlorophenol	17.33	266	42629	80.38	ng		97
70) Phenanthrene	17.60	178	247606	36.68	ng		99
71) Anthracene	17.68	178	247128	37.54	ng		100
72) Carbazole	17.97	167	230221	36.06	ng		99
73) Di-n-butylphthalate	18.57	149	286303	38.74	ng		100
74) Fluoranthene	19.26	202	258058	37.31	ng		96
76) Benzidine	19.50	184	12892m	3.49	ng		
77) Pyrene	19.53	202	263439	33.33	ng		99
79) Butylbenzylphthalate	20.48	149	128851	36.00	ng		98
80) Benzo(a)anthracene	21.07	228	248788	34.38	ng		98
81) 3,3'-Dichlorobenzidine	21.08	252	32994	14.35	ng		95
82) Chrysene	21.11	228	228653	34.65	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	172262	34.78	ng		98
84) Di-n-octyl phthalate	21.99	149	303865	35.35	ng		99
85) Indeno(1,2,3-cd)pyrene	23.84	276	247230m	35.35	ng		
87) Benzo(b)fluoranthene	22.31	252	269479	40.79	ng		99
88) Benzo(k)fluoranthene	22.35	252	183839m	31.85	ng		
89) Benzo(a)pyrene	22.67	252	218869	37.56	ng		98
90) Dibenzo(a,h)anthracene	23.87	278	203821m	38.12	ng		
91) Benzo(g,h,i)perylene	24.11	276	202748m	38.14	ng		

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

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