Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077132.D
Acq On : 29 Jan 2015 19:55
Operator : TP/IZ
Sample : G1178-03MSD
Misc : S
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-COMPOSITE3MSD

Quant Time: Jan 30 02:34:56 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	29395	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	123629	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	66621	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	116001	20.00	ng		0.00
75) Chrysene-d12	21.08	240	114602	20.00	ng		0.00
86) Perylene-d12	22.71	264	105028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.70	112	183277	102.51	ng		-0.01
7) Phenol-d6	7.10	99	230299	102.11	ng		0.00
23) Nitrobenzene-d5	9.00	82	142337	63.78	ng		0.01
41) 2,4,6-Tribromophenol	16.45	330	58226	107.67	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	291914	66.68	ng		0.00
78) Terphenyl-d14	19.81	244	300697	60.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.11	88	16570m	21.65	ng		
3) Pyridine	1.56	79	48852	24.66	ng		97
4) n-Nitrosodimethylamine	1.51	42	31223	31.82	ng		95
6) Aniline	6.97	93	45083	14.44	ng		94
8) 2-Chlorophenol	7.21	128	66399	32.22	ng		99
9) Benzaldehyde	6.69	77	9118	5.68	ng		92
10) Phenol	7.13	94	86657	36.18	ng		96
11) bis(2-Chloroethyl)ether	7.24	93	60461	32.26	ng	#	74
12) 1,3-Dichlorobenzene	7.52	146	72335	30.85	ng		98
13) 1,4-Dichlorobenzene	7.73	146	73932	29.73	ng		97
14) 1,2-Dichlorobenzene	8.04	146	71328	31.13	ng		98
15) Benzyl Alcohol	8.13	79	58354	31.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	76210	30.25	ng		94
17) 2-Methylphenol	8.48	107	52953	31.44	ng		94
18) Hexachloroethane	8.78	117	26835	31.03	ng		97
19) n-Nitroso-di-n-propylamine	8.77	70	47228	29.91	ng		96
20) 3+4-Methylphenols	8.87	107	66651	29.88	ng		95
22) Acetophenone	8.68	105	97937	32.34	ng		99
24) Nitrobenzene	9.03	77	73447	32.31	ng		99
25) Isophorone	9.64	82	129166	31.78	ng		95
26) 2-Nitrophenol	9.77	139	35202	30.89	ng	#	90
27) 2,4-Dimethylphenol	10.06	122	58271	33.15	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	76204	32.99	ng		97
29) 2,4-Dichlorophenol	10.39	162	57189m	34.90	ng		
30) 1,2,4-Trichlorobenzene	10.50	180	56219	30.89	ng		89
31) Naphthalene	10.64	128	197738	31.07	ng		98
32) Benzoic acid	10.44	122	26466m	27.17	ng		
33) 4-Chloroaniline	10.89	127	36016	14.00	ng		96
34) Hexachlorobutadiene	11.01	225	33069	30.63	ng		97
35) Caprolactam	11.73	113	13516	28.02	ng	#	86
36) 4-Chloro-3-methylphenol	12.21	107	63372	33.78	ng		98
37) 2-Methylnaphthalene	12.30	142	139617	32.12	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	53277	32.35	ng		98
40) Hexachlorocyclopentadiene	12.69	237	47192	54.76	ng		98

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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	38283	31.90	ng		93
43) 2,4,5-Trichlorophenol	13.15	196	40859	33.38	ng	#	95
45) 1,1'-Biphenyl	13.45	154	159470	32.29	ng		98
46) 2-Chloronaphthalene	13.42	162	130181	32.03	ng		98
47) 2-Nitroaniline	13.77	65	44530	36.12	ng		88
48) Acenaphthylene	14.37	152	207963	30.34	ng		100
49) Dimethylphthalate	14.32	163	181063	38.32	ng		98
50) 2,6-Dinitrotoluene	14.43	165	34556	36.61	ng		94
51) Acenaphthene	14.79	154	117050	30.09	ng		97
52) 3-Nitroaniline	14.77	138	24392	20.86	ng		96
53) 2,4-Dinitrophenol	15.05	184	25691	61.23	ng		93
54) Dibenzofuran	15.21	168	185657	32.77	ng		99
55) 4-Nitrophenol	15.37	139	46210	62.40	ng		98
56) 2,4-Dinitrotoluene	15.35	165	45992	33.18	ng	#	90
57) Fluorene	15.97	166	154761	32.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	30435	34.15	ng	#	94
59) Diethylphthalate	15.98	149	161628	33.85	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	64244	32.71	ng		93
61) 4-Nitroaniline	16.13	138	32355	27.81	ng		98
62) Azobenzene	16.37	77	172386	34.65	ng		98
64) 4,6-Dinitro-2-methylphenol	16.21	198	22803	31.79	ng		94
65) n-Nitrosodiphenylamine	16.32	169	130508	31.55	ng		99
66) 4-Bromophenyl-phenylether	16.94	248	38778	33.00	ng		89
67) Hexachlorobenzene	16.95	284	40130	32.40	ng		97
68) Atrazine	17.32	200	46111	36.74	ng		92
69) Pentachlorophenol	17.33	266	35529	64.05	ng		95
70) Phenanthrene	17.60	178	233288	32.25	ng		98
71) Anthracene	17.68	178	221994	31.47	ng		99
72) Carbazole	17.97	167	217137	31.74	ng		98
73) Di-n-butylphthalate	18.57	149	263784	33.31	ng		99
74) Fluoranthene	19.26	202	243226	32.81	ng		97
76) Benzidine	19.50	184	94802	25.85	ng		99
77) Pyrene	19.53	202	252772	32.18	ng		99
79) Butylbenzylphthalate	20.48	149	118522	33.32	ng		98
80) Benzo(a)anthracene	21.07	228	229769	31.96	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	52175	22.83	ng		99
82) Chrysene	21.11	228	205714	31.37	ng		98
83) Bis(2-ethylhexyl)phthalate	21.23	149	166132	33.76	ng		99
84) Di-n-octyl phthalate	21.98	149	286353	33.52	ng		97
85) Indeno(1,2,3-cd)pyrene	23.81	276	216373	31.14	ng	#	84
87) Benzo(b)fluoranthene	22.31	252	225673	31.90	ng	#	93
88) Benzo(k)fluoranthene	22.33	252	181031m	29.29	ng		
89) Benzo(a)pyrene	22.65	252	198944	31.88	ng	#	97
90) Dibenzo(a,h)anthracene	23.83	278	177513	31.01	ng		97
91) Benzo(g,h,i)perylene	24.07	276	184262	32.37	ng		95

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

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