Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
Data File : BF077131.D
Acq On : 29 Jan 2015 19:21
Operator : TP/IZ
Sample : G1178-03MS
Misc : S
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DIN46-WASTE-COMPOSITE3MS

Quant Time: Jan 30 02:30:44 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	28420	20.00	ng		0.00
21) Naphthalene-d8	10.60	136	124630	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	68964	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	115999	20.00	ng		0.00
75) Chrysene-d12	21.08	240	114527	20.00	ng		0.00
86) Perylene-d12	22.72	264	100243	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.71	112	202341	117.06	ng		0.00
7) Phenol-d6	7.10	99	248207	113.83	ng		0.00
23) Nitrobenzene-d5	9.00	82	156634	69.63	ng		0.01
41) 2,4,6-Tribromophenol	16.45	330	61012	108.99	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	306004	67.52	ng		0.00
78) Terphenyl-d14	19.81	244	328194	65.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.11	88	18390m	24.85	ng		
3) Pyridine	1.56	79	55687	29.08	ng		97
4) n-Nitrosodimethylamine	1.51	42	35216	37.12	ng		91
6) Aniline	6.97	93	63862	21.16	ng		95
8) 2-Chlorophenol	7.21	128	71894	36.08	ng		98
9) Benzaldehyde	6.70	77	9517	6.19	ng		90
10) Phenol	7.13	94	90049	38.89	ng		94
11) bis(2-Chloroethyl)ether	7.24	93	66865	36.91	ng	#	78
12) 1,3-Dichlorobenzene	7.52	146	74647	32.93	ng		97
13) 1,4-Dichlorobenzene	7.73	146	79105	32.90	ng		99
14) 1,2-Dichlorobenzene	8.04	146	76146	34.37	ng		99
15) Benzyl Alcohol	8.13	79	63317	35.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	86641	35.58	ng		94
17) 2-Methylphenol	8.48	107	55359	33.99	ng	#	88
18) Hexachloroethane	8.78	117	29102	34.80	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	52939	34.68	ng		94
20) 3+4-Methylphenols	8.87	107	70960	32.91	ng		94
22) Acetophenone	8.68	105	107182	35.11	ng		99
24) Nitrobenzene	9.03	77	77438	33.79	ng		100
25) Isophorone	9.64	82	137730	33.62	ng		98
26) 2-Nitrophenol	9.77	139	37884	32.86	ng	#	87
27) 2,4-Dimethylphenol	10.06	122	63700	35.95	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	82113	35.26	ng		100
29) 2,4-Dichlorophenol	10.39	162	56832	34.41	ng		95
30) 1,2,4-Trichlorobenzene	10.50	180	61461	33.50	ng		96
31) Naphthalene	10.64	128	212556	33.13	ng		97
32) Benzoic acid	10.44	122	20241	20.62	ng		95
33) 4-Chloroaniline	10.89	127	49570	19.12	ng		97
34) Hexachlorobutadiene	11.01	225	34692	31.87	ng		94
35) Caprolactam	11.73	113	13674	28.12	ng		99
36) 4-Chloro-3-methylphenol	12.21	107	66130	34.97	ng		99
37) 2-Methylnaphthalene	12.30	142	151294	34.53	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	56121	32.91	ng		98
40) Hexachlorocyclopentadiene	12.69	237	51348	57.32	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	41649	33.53	ng		92
43) 2,4,5-Trichlorophenol	13.15	196	44107	34.81	ng		97
45) 1,1'-Biphenyl	13.45	154	172431	33.73	ng		99
46) 2-Chloronaphthalene	13.42	162	142139	33.79	ng		96
47) 2-Nitroaniline	13.77	65	44602	34.95	ng		89
48) Acenaphthylene	14.37	152	227060	32.00	ng		98
49) Dimethylphthalate	14.33	163	202972	41.50	ng		99
50) 2,6-Dinitrotoluene	14.43	165	34941	35.76	ng		98
51) Acenaphthene	14.79	154	128719	31.97	ng		96
52) 3-Nitroaniline	14.77	138	30091	24.51	ng		90
53) 2,4-Dinitrophenol	15.05	184	27279	62.50	ng		96
54) Dibenzofuran	15.21	168	196429	33.49	ng		98
55) 4-Nitrophenol	15.37	139	48417	63.16	ng		99
56) 2,4-Dinitrotoluene	15.35	165	47801	33.31	ng	#	85
57) Fluorene	15.98	166	164305	33.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.58	232	34768	37.69	ng	#	98
59) Diethylphthalate	15.98	149	176204	35.65	ng		99
60) 4-Chlorophenyl-phenylether	16.07	204	67816	33.36	ng		98
61) 4-Nitroaniline	16.13	138	35652	29.51	ng		91
62) Azobenzene	16.37	77	187185	36.35	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	23302	32.41	ng		95
65) n-Nitrosodiphenylamine	16.32	169	140065	33.86	ng		98
66) 4-Bromophenyl-phenylether	16.94	248	40797	34.72	ng	#	88
67) Hexachlorobenzene	16.95	284	41975	33.89	ng		98
68) Atrazine	17.33	200	50231	40.02	ng		96
69) Pentachlorophenol	17.33	266	38633	69.04	ng		93
70) Phenanthrene	17.60	178	235101	32.50	ng		99
71) Anthracene	17.68	178	235955	33.45	ng		99
72) Carbazole	17.97	167	235656	34.44	ng		99
73) Di-n-butylphthalate	18.57	149	290921	36.73	ng		100
74) Fluoranthene	19.26	202	253614	34.21	ng		97
76) Benzidine	19.50	184	102232	27.90	ng		99
77) Pyrene	19.53	202	250293	31.89	ng		98
79) Butylbenzylphthalate	20.48	149	131809	37.08	ng		96
80) Benzo(a)anthracene	21.07	228	233046	32.43	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	63723	27.91	ng		98
82) Chrysene	21.11	228	213918	32.65	ng		98
83) Bis(2-ethylhexyl)phthalate	21.23	149	183905	37.39	ng		96
84) Di-n-octyl phthalate	21.99	149	313517	36.73	ng		98
85) Indeno(1,2,3-cd)pyrene	23.83	276	226880m	32.67	ng		
87) Benzo(b)fluoranthene	22.31	252	261192	38.69	ng		98
88) Benzo(k)fluoranthene	22.35	252	155408m	26.35	ng		
89) Benzo(a)pyrene	22.67	252	205944	34.58	ng		98
90) Dibenzo(a,h)anthracene	23.87	278	182650	33.43	ng		98
91) Benzo(g,h,i)perylene	24.11	276	181427	33.40	ng		96

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

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