Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013015\
Data File : BF077152.D
Acq On : 30 Jan 2015 18:07
Operator : TP/IZ
Sample : G1189-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SANDMSD

Quant Time: Jan 31 02:43:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 02:15:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25771	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	113695	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	62724	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	109444	20.00	ng		-0.01
75) Chrysene-d12	21.08	240	108601	20.00	ng		0.00
86) Perylene-d12	22.80	264	97641	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.70	112	123977	79.10	ng		0.00
7) Phenol-d6	7.09	99	170003	85.98	ng		0.00
23) Nitrobenzene-d5	8.99	82	110775	53.98	ng		0.00
41) 2,4,6-Tribromophenol	16.45	330	38469	75.56	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	234641	56.93	ng		0.01
78) Terphenyl-d14	19.81	244	253255	53.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.10	88	14587	21.73	ng	#	88
4) n-Nitrosodimethylamine	1.52	42	21250	24.70	ng		98
8) 2-Chlorophenol	7.22	128	46657	25.82	ng		94
9) Benzaldehyde	6.70	77	6490	4.48	ng		87
10) Phenol	7.13	94	55044	26.22	ng		96
11) bis(2-Chloroethyl)ether	7.23	93	46912	28.55	ng	#	79
12) 1,3-Dichlorobenzene	7.53	146	53037	25.80	ng		93
13) 1,4-Dichlorobenzene	7.72	146	55425	25.42	ng		99
14) 1,2-Dichlorobenzene	8.03	146	52538	26.16	ng		95
15) Benzyl Alcohol	8.13	79	42064	26.29	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	61110	27.67	ng		78
17) 2-Methylphenol	8.49	107	36486	24.71	ng		97
18) Hexachloroethane	8.78	117	20665	27.25	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	36757	26.56	ng		99
20) 3+4-Methylphenols	8.88	107	45874	23.46	ng		96
22) Acetophenone	8.68	105	74726	26.83	ng		95
24) Nitrobenzene	9.04	77	54613	26.12	ng		96
25) Isophorone	9.63	82	97765	26.16	ng		98
26) 2-Nitrophenol	9.78	139	20214	19.95	ng	#	86
27) 2,4-Dimethylphenol	10.06	122	32598	20.16	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	60391	28.43	ng		94
29) 2,4-Dichlorophenol	10.38	162	33563	22.27	ng		94
30) 1,2,4-Trichlorobenzene	10.51	180	44983	26.88	ng		98
31) Naphthalene	10.64	128	149080	25.47	ng		99
33) 4-Chloroaniline	10.90	127	19049	8.05	ng		97
34) Hexachlorobutadiene	11.01	225	25744	25.93	ng		97
35) Caprolactam	11.72	113	1274	2.87	ng	#	58
36) 4-Chloro-3-methylphenol	12.20	107	42319	24.53	ng		98
37) 2-Methylnaphthalene	12.29	142	104892	26.24	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	42905	27.67	ng		96
40) Hexachlorocyclopentadiene	12.68	237	37629	47.07	ng		98
42) 2,4,6-Trichlorophenol	13.05	196	24168	21.39	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	24490m	21.25	ng		
45) 1,1'-Biphenyl	13.45	154	128146	27.56	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.43	162	100783	26.34	ng		97
47) 2-Nitroaniline	13.77	65	30078	25.91	ng		95
48) Acenaphthylene	14.36	152	164029	25.41	ng		99
49) Dimethylphthalate	14.33	163	138535	31.14	ng		99
50) 2,6-Dinitrotoluene	14.42	165	25367	28.54	ng		90
51) Acenaphthene	14.79	154	94042	25.68	ng		95
52) 3-Nitroaniline	14.76	138	23700	21.46	ng		82
54) Dibenzofuran	15.22	168	143882	26.97	ng		98
55) 4-Nitrophenol	15.40	139	16334	23.43	ng		88
56) 2,4-Dinitrotoluene	15.36	165	34495	26.86	ng		92
57) Fluorene	15.97	166	118731	26.27	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.59	232	15394	18.35	ng	#	86
59) Diethylphthalate	15.99	149	129414	28.79	ng		98
60) 4-Chlorophenyl-phenylether	16.08	204	50799	27.47	ng		89
61) 4-Nitroaniline	16.12	138	24438	22.59	ng		83
62) Azobenzene	16.36	77	142842	30.50	ng		99
64) 4,6-Dinitro-2-methylphenol	16.21	198	6184	11.49	ng		89
65) n-Nitrosodiphenylamine	16.33	169	94222	24.14	ng		98
66) 4-Bromophenyl-phenylether	16.93	248	29876	26.94	ng		97
67) Hexachlorobenzene	16.96	284	29451	25.20	ng	#	90
68) Atrazine	17.32	200	34072	28.77	ng		94
69) Pentachlorophenol	17.33	266	12023m	27.41	ng		
70) Phenanthrene	17.61	178	174924	25.63	ng		97
71) Anthracene	17.68	178	169509	25.47	ng		98
72) Carbazole	17.97	167	167968	26.02	ng		99
73) Di-n-butylphthalate	18.58	149	216747	29.01	ng		99
74) Fluoranthene	19.25	202	184189	26.34	ng		99
77) Pyrene	19.54	202	190243	25.56	ng		98
79) Butylbenzylphthalate	20.48	149	98628	29.26	ng	#	79
80) Benzo(a)anthracene	21.07	228	181563	26.65	ng		98
81) 3,3'-Dichlorobenzidine	21.08	252	33821	15.62	ng		97
82) Chrysene	21.12	228	163641m	26.34	ng		
83) Bis(2-ethylhexyl)phthalate	21.23	149	152011	32.59	ng		97
84) Di-n-octyl phthalate	22.02	149	246290	30.43	ng		99
85) Indeno(1,2,3-cd)pyrene	24.00	276	162440m	24.67	ng		
87) Benzo(b)fluoranthene	22.36	252	153971m	23.41	ng		
88) Benzo(k)fluoranthene	22.40	252	159469m	27.76	ng		
89) Benzo(a)pyrene	22.74	252	150231m	25.90	ng		
90) Dibenzo(a,h)anthracene	24.02	278	137178m	25.77	ng		
91) Benzo(g,h,i)perylene	24.27	276	138325m	26.14	ng		

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

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