Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
Data File : BF077359.D
Acq On : 18 Feb 2015 18:35
Operator : TP/IZ
Sample : G1233-06MSD
Misc : S
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VMA1(9.5-10)MSD

Quant Time: Feb 19 03:49:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 09:51:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	66783	20.00	ng		-0.02
21) Naphthalene-d8	8.93	136	277066	20.00	ng		-0.02
38) Acenaphthene-d10	11.12	164	144089	20.00	ng		-0.02
63) Phenanthrene-d10	12.99	188	258233m	20.00	ng		0.01
75) Chrysene-d12	16.36	240	88386	20.00	ng		0.09
86) Perylene-d12	18.16	264	110154	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	295226	75.55	ng		-0.02
7) Phenol-d6	6.90	99	374964	73.45	ng		-0.02
23) Nitrobenzene-d5	8.04	82	212376	53.08	ng		-0.02
41) 2,4,6-Tribromophenol	12.11	330	105302	78.96	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	508574	53.21	ng		-0.02
78) Terphenyl-d14	15.03	244	260162m	66.92	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	28498	16.64	ng		96
3) Pyridine	3.08	79	73676	16.29	ng		96
4) n-Nitrosodimethylamine	2.98	42	43611	20.15	ng	#	82
6) Aniline	6.94	93	69489	9.64	ng	#	90
8) 2-Chlorophenol	7.08	128	111972	24.45	ng		95
9) Benzaldehyde	6.81	77	8291	2.64	ng	#	54
10) Phenol	6.92	94	142419	24.01	ng		90
11) bis(2-Chloroethyl)ether	7.04	93	95989	21.58	ng		97
12) 1,3-Dichlorobenzene	7.28	146	118608	22.95	ng		98
13) 1,4-Dichlorobenzene	7.38	146	122331	22.96	ng		97
14) 1,2-Dichlorobenzene	7.56	146	119697	23.30	ng		96
15) Benzyl Alcohol	7.54	79	92934	24.03	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.71	45	138473	20.68	ng		97
17) 2-Methylphenol	7.68	107	89858	24.61	ng		94
18) Hexachloroethane	7.98	117	45089	25.97	ng		93
19) n-Nitroso-di-n-propylamine	7.87	70	80554	22.71	ng		96
20) 3+4-Methylphenols	7.86	107	117136	24.65	ng		93
22) Acetophenone	7.86	105	163567	25.09	ng	#	99
24) Nitrobenzene	8.06	77	107462	24.92	ng		99
25) Isophorone	8.37	82	208158	23.08	ng	#	86
26) 2-Nitrophenol	8.46	139	41256	32.44	ng	#	89
27) 2,4-Dimethylphenol	8.52	122	103970	25.31	ng		96
28) bis(2-Chloroethoxy)methane	8.65	93	134900	23.25	ng		99
29) 2,4-Dichlorophenol	8.76	162	92339	26.16	ng		91
30) 1,2,4-Trichlorobenzene	8.86	180	103328	23.05	ng		97
31) Naphthalene	8.97	128	355351	25.63	ng		99
32) Benzoic acid	8.60	122	31818	30.85	ng	#	83
33) 4-Chloroaniline	9.04	127	46708	7.88	ng	#	91
34) Hexachlorobutadiene	9.12	225	53510	21.84	ng		98
35) Caprolactam	9.45	113	28709	26.43	ng		93
36) 4-Chloro-3-methylphenol	9.63	107	102511	26.39	ng		85
37) 2-Methylnaphthalene	9.82	142	255376	25.61	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	99914	24.01	ng		98
40) Hexachlorocyclopentadiene	10.02	237	7186	3.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	61757	26.49	ng		95
43) 2,4,5-Trichlorophenol	10.21	196	69142	27.74	ng		94
45) 1,1'-Biphenyl	10.41	154	294395	25.62	ng		96
46) 2-Chloronaphthalene	10.43	162	217930	25.53	ng		93
47) 2-Nitroaniline	10.55	65	52361	29.25	ng		92
48) Acenaphthylene	10.95	152	355195	25.24	ng		100
49) Dimethylphthalate	10.79	163	295660	29.82	ng		99
50) 2,6-Dinitrotoluene	10.87	165	53635	29.96	ng	#	60
51) Acenaphthene	11.16	154	204083	24.43	ng		99
52) 3-Nitroaniline	11.06	138	42928	20.01	ng	#	92
53) 2,4-Dinitrophenol	11.20	184	16088	58.94	ng	#	78
54) Dibenzofuran	11.37	168	298486	23.56	ng		95
55) 4-Nitrophenol	11.27	139	89875	60.61	ng		92
56) 2,4-Dinitrotoluene	11.36	165	66333	30.08	ng	#	89
57) Fluorene	11.80	166	262278	26.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	49122	24.88	ng	#	86
59) Diethylphthalate	11.68	149	254629	24.67	ng		99
60) 4-Chlorophenyl-phenylether	11.81	204	108278	22.39	ng		90
61) 4-Nitroaniline	11.81	138	46188	22.76	ng		95
62) Azobenzene	12.02	77	281446	27.52	ng	#	63
64) 4,6-Dinitro-2-methylphenol	11.87	198	14152	32.56	ng	#	22
65) n-Nitrosodiphenylamine	11.96	169	288098	34.20	ng		98
66) 4-Bromophenyl-phenylether	12.42	248	65757	22.84	ng	#	79
67) Hexachlorobenzene	12.49	284	73195	22.41	ng	#	82
68) Atrazine	12.64	200	58620	23.28	ng		73
69) Pentachlorophenol	12.74	266	71251	61.28	ng		95
70) Phenanthrene	13.01	178	429221	28.60	ng	#	90
71) Anthracene	13.08	178	297770	19.96	ng	#	89
72) Carbazole	13.28	167	314693	23.99	ng	#	87
73) Di-n-butylphthalate	13.73	149	332397	20.58	ng	#	90
74) Fluoranthene	14.52	202	240602m	15.88	ng		
77) Pyrene	14.82	202	247437m	45.29	ng		
80) Benzo(a)anthracene	16.35	228	176838m	34.36	ng		
81) 3,3'-Dichlorobenzidine	16.31	252	21509	12.65	ng	#	14
82) Chrysene	16.40	228	60381m	12.41	ng		
83) Bis(2-ethylhexyl)phthalate	16.39	149	84098	22.86	ng	#	62
84) Di-n-octyl phthalate	17.19	149	106767	18.89	ng	#	1
85) Indeno(1,2,3-cd)pyrene	19.71	276	266496m	47.95	ng		
87) Benzo(b)fluoranthene	17.69	252	137436m	19.41	ng		
88) Benzo(k)fluoranthene	17.72	252	95933m	16.40	ng		
89) Benzo(a)pyrene	18.09	252	131941	21.41	ng	#	1
90) Dibenzo(a,h)anthracene	19.73	278	214605	34.21	ng	#	62
91) Benzo(g,h,i)perylene	20.17	276	241395	38.71	ng	#	87

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

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