Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
Data File : BF077238.D
Acq On : 10 Feb 2015 16:57
Operator : TP/IZ
Sample : PB81682BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81682BS

Manual Integrations APPROVED
apatel
2/11/2015 4:06:25 PM

Quant Time: Feb 11 04:48:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 10 13:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	38611	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	167148	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	92326	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	160215	20.00	ng		0.00
75) Chrysene-d12	21.01	240	152439	20.00	ng		0.00
86) Perylene-d12	22.66	264	132402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.60	112	191835	81.69	ng		0.01
7) Phenol-d6	7.01	99	243589	82.22	ng		0.00
23) Nitrobenzene-d5	8.90	82	153624	50.92	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	60408	80.60	ng		0.00
44) 2-Fluorobiphenyl	13.16	172	332962	54.88	ng		0.00
78) Terphenyl-d14	19.76	244	362401	54.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.07	88	22446	22.32	ng	#	88
3) Pyridine	1.50	79	55774	21.44	ng		96
4) n-Nitrosodimethylamine	1.47	42	25923	20.11	ng		93
6) Aniline	6.89	93	48622	11.86	ng		97
8) 2-Chlorophenol	7.13	128	67995	25.12	ng		93
10) Phenol	7.04	94	74794	23.78	ng		91
11) bis(2-Chloroethyl)ether	7.14	93	63294	25.71	ng		91
12) 1,3-Dichlorobenzene	7.44	146	74443	24.17	ng		94
13) 1,4-Dichlorobenzene	7.63	146	76566	23.44	ng		98
14) 1,2-Dichlorobenzene	7.95	146	72998	24.26	ng		98
15) Benzyl Alcohol	8.05	79	60345	25.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	87552	26.46	ng		80
17) 2-Methylphenol	8.41	107	54608	24.68	ng		96
18) Hexachloroethane	8.68	117	28696	25.26	ng		97
19) n-Nitroso-di-n-propylamine	8.68	70	49926	24.08	ng		93
20) 3+4-Methylphenols	8.80	107	60584m	20.68	ng		
22) Acetophenone	8.60	105	103683	25.33	ng		96
24) Nitrobenzene	8.94	77	72253	23.51	ng		98
25) Isophorone	9.55	82	135200	24.61	ng		99
26) 2-Nitrophenol	9.69	139	32292	21.53	ng	#	77
27) 2,4-Dimethylphenol	9.98	122	59955	25.23	ng		94
28) bis(2-Chloroethoxy)methane	10.18	93	85663	27.43	ng		97
29) 2,4-Dichlorophenol	10.30	162	53304m	24.06	ng		
30) 1,2,4-Trichlorobenzene	10.42	180	63111	25.65	ng		99
31) Naphthalene	10.56	128	206705	24.02	ng		99
32) Benzoic acid	10.40	122	10316m	7.83	ng		
33) 4-Chloroaniline	10.82	127	47054m	13.53	ng		
34) Hexachlorobutadiene	10.92	225	35011	23.98	ng		91
35) Caprolactam	11.66	113	16192m	24.83	ng		
36) 4-Chloro-3-methylphenol	12.12	107	59996	23.65	ng		94
37) 2-Methylnaphthalene	12.20	142	148184	25.21	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	58198	25.50	ng		98
40) Hexachlorocyclopentadiene	12.59	237	57573	48.75	ng		92
42) 2,4,6-Trichlorophenol	12.97	196	34286	20.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	35983m	21.21	ng		
45) 1,1'-Biphenyl	13.36	154	179792	26.27	ng		98
46) 2-Chloronaphthalene	13.33	162	141288	25.09	ng		96
47) 2-Nitroaniline	13.69	65	41946	24.55	ng		85
48) Acenaphthylene	14.27	152	228391	24.04	ng		99
49) Dimethylphthalate	14.24	163	176618	26.97	ng		98
50) 2,6-Dinitrotoluene	14.34	165	36110	27.60	ng		96
51) Acenaphthene	14.69	154	130528	24.22	ng		97
52) 3-Nitroaniline	14.68	138	24771	15.77	ng		83
53) 2,4-Dinitrophenol	14.98	184	17711	36.37	ng	#	89
54) Dibenzofuran	15.13	168	204585	26.05	ng		98
55) 4-Nitrophenol	15.31	139	37004	36.05	ng		93
56) 2,4-Dinitrotoluene	15.28	165	48350	25.68	ng		93
57) Fluorene	15.89	166	166460	25.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	25231	20.43	ng	#	91
59) Diethylphthalate	15.91	149	186017	28.11	ng		99
60) 4-Chlorophenyl-phenylether	16.00	204	72188	26.52	ng		92
61) 4-Nitroaniline	16.07	138	34189	21.54	ng		97
62) Azobenzene	16.29	77	171717m	24.91	ng		
64) 4,6-Dinitro-2-methylphenol	16.13	198	20472	21.82	ng	#	70
65) n-Nitrosodiphenylamine	16.25	169	143274	25.08	ng		95
66) 4-Bromophenyl-phenylether	16.87	248	42875	26.41	ng		98
67) Hexachlorobenzene	16.88	284	43492	25.43	ng	#	79
68) Atrazine	17.27	200	49108	28.33	ng		94
69) Pentachlorophenol	17.27	266	24160	35.04	ng		98
70) Phenanthrene	17.54	178	241027	24.12	ng		98
71) Anthracene	17.62	178	246117	25.26	ng		99
72) Carbazole	17.92	167	229448	24.28	ng		97
73) Di-n-butylphthalate	18.51	149	303581	27.75	ng		98
74) Fluoranthene	19.20	202	252926	24.71	ng		97
76) Benzidine	19.45	184	94566	19.39	ng		98
77) Pyrene	19.47	202	261715	25.05	ng		100
79) Butylbenzylphthalate	20.42	149	131076	27.70	ng		92
80) Benzo(a)anthracene	21.00	228	233580	24.42	ng		99
81) 3,3'-Dichlorobenzidine	21.01	252	46033	15.15	ng		100
82) Chrysene	21.05	228	214153	24.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	190157	29.05	ng		99
84) Di-n-octyl phthalate	21.92	149	326770	28.76	ng		99
85) Indeno(1,2,3-cd)pyrene	23.76	276	214492m	23.20	ng		
87) Benzo(b)fluoranthene	22.25	252	211267	23.69	ng	#	97
88) Benzo(k)fluoranthene	22.27	252	207673m	26.66	ng		
89) Benzo(a)pyrene	22.59	252	192723	24.50	ng	#	95
90) Dibenzo(a,h)anthracene	23.78	278	174589m	24.19	ng		
91) Benzo(g,h,i)perylene	24.02	276	173197m	24.14	ng		

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

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