Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010715\
Data File : BF076769.D
Acq On : 7 Jan 2015 18:02
Operator : IZ / TP
Sample : PB81229BS
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81229BS

Manual Integrations APPROVED
tejaskumar
1/8/2015 3:45:44 PM

Quant Time: Jan 08 09:18:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 09:08:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	47090	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	199819	20.00	ng		0.00
38) Acenaphthene-d10	15.18	164	116612	20.00	ng		-0.01
63) Phenanthrene-d10	17.90	188	193609	20.00	ng		0.00
75) Chrysene-d12	21.39	240	179427	20.00	ng		-0.01
86) Perylene-d12	23.11	264	161145	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	327758	118.00	ng		0.00
7) Phenol-d6	7.52	99	411771	121.38	ng		0.00
23) Nitrobenzene-d5	9.43	82	257750	76.71	ng		0.00
41) 2,4,6-Tribromophenol	16.81	330	114203	115.87	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	536860	71.64	ng		-0.01
78) Terphenyl-d14	20.12	244	568244	69.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.40	88	34771	29.29	ng	#	100
3) Pyridine	1.91	79	99737	33.37	ng		97
4) n-Nitrosodimethylamine	1.86	42	48234	33.36	ng	#	97
6) Aniline	7.42	93	73180	15.11	ng	#	85
8) 2-Chlorophenol	7.66	128	115140	36.20	ng		96
9) Benzaldehyde	7.14	77	73086	28.32	ng		96
10) Phenol	7.54	94	136010	33.03	ng		84
11) bis(2-Chloroethyl)ether	7.66	93	105121	35.47	ng	#	75
12) 1,3-Dichlorobenzene	7.98	146	116174	31.46	ng		95
13) 1,4-Dichlorobenzene	8.17	146	121570	32.50	ng		96
14) 1,2-Dichlorobenzene	8.49	146	116816	32.93	ng		98
15) Benzyl Alcohol	8.56	79	99735	33.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.90	45	133801	31.16	ng	#	1
17) 2-Methylphenol	8.89	107	91984	35.19	ng	#	91
18) Hexachloroethane	9.24	117	44423	33.23	ng		92
19) n-Nitroso-di-n-propylamine	9.19	70	84489	34.10	ng		95
20) 3+4-Methylphenols	9.28	107	122315	34.65	ng		97
22) Acetophenone	9.11	105	168548	35.19	ng	#	98
24) Nitrobenzene	9.46	77	126270	36.25	ng		99
25) Isophorone	10.06	82	222203	34.31	ng		93
26) 2-Nitrophenol	10.21	139	59671	35.07	ng	#	83
27) 2,4-Dimethylphenol	10.47	122	102679	37.29	ng		98
28) bis(2-Chloroethoxy)methane	10.69	93	136174	35.82	ng		99
29) 2,4-Dichlorophenol	10.81	162	100747	37.22	ng		99
30) 1,2,4-Trichlorobenzene	10.95	180	97896	33.55	ng		97
31) Naphthalene	11.09	128	333641	33.70	ng		99
32) Benzoic acid	10.80	122	47839m	30.83	ng		
33) 4-Chloroaniline	11.33	127	61039	15.11	ng		93
34) Hexachlorobutadiene	11.45	225	56362	33.23	ng		95
35) Caprolactam	12.15	113	29117m	37.31	ng		
36) 4-Chloro-3-methylphenol	12.62	107	111761	37.11	ng		98
37) 2-Methylnaphthalene	12.75	142	244201	35.36	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	96750	33.73	ng	#	79
40) Hexachlorocyclopentadiene	13.13	237	108370	66.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.49	196	68220	32.78	ng		99
43) 2,4,5-Trichlorophenol	13.58	196	70077	31.30	ng		95
45) 1,1'-Biphenyl	13.90	154	290581	33.54	ng		99
46) 2-Chloronaphthalene	13.88	162	229447	33.39	ng		98
47) 2-Nitroaniline	14.22	65	74451	35.62	ng	#	75
48) Acenaphthylene	14.84	152	379174	32.45	ng		99
49) Dimethylphthalate	14.77	163	285429	34.60	ng		99
50) 2,6-Dinitrotoluene	14.86	165	60076	35.55	ng	#	72
51) Acenaphthene	15.26	154	210154	31.78	ng		95
52) 3-Nitroaniline	15.21	138	42064	21.92	ng		96
53) 2,4-Dinitrophenol	15.49	184	13661	22.15	ng	#	77
54) Dibenzofuran	15.67	168	336441	35.18	ng		99
55) 4-Nitrophenol	15.77	139	88343	60.04	ng	#	85
56) 2,4-Dinitrotoluene	15.77	165	82807	36.76	ng	#	52
57) Fluorene	16.37	166	280654	34.94	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	52773	31.69	ng	#	100
59) Diethylphthalate	16.36	149	290014	34.42	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	117389	33.77	ng	#	86
61) 4-Nitroaniline	16.49	138	59956	29.72	ng		92
62) Azobenzene	16.72	77	292929	35.28	ng		88
64) 4,6-Dinitro-2-methylphenol	16.56	198	22540	18.61	ng		82
65) n-Nitrosodiphenylamine	16.69	169	232394	34.17	ng		96
66) 4-Bromophenyl-phenylether	17.27	248	70643	37.46	ng		94
67) Hexachlorobenzene	17.29	284	76026	34.54	ng	#	88
68) Atrazine	17.63	200	81926	40.31	ng		96
69) Pentachlorophenol	17.65	266	45424	42.16	ng		96
70) Phenanthrene	17.93	178	395855	33.89	ng		100
71) Anthracene	18.01	178	397804	34.71	ng		98
72) Carbazole	18.29	167	377731	33.98	ng		99
73) Di-n-butylphthalate	18.86	149	463604	33.96	ng		99
74) Fluoranthene	19.57	202	407190	34.14	ng		95
76) Benzidine	19.80	184	180163	24.09	ng		99
77) Pyrene	19.85	202	432984	34.49	ng		99
79) Butylbenzylphthalate	20.77	149	205132	34.18	ng	#	74
80) Benzo(a)anthracene	21.39	228	380981	34.10	ng		97
81) 3,3'-Dichlorobenzidine	21.39	252	54776	14.67	ng	#	94
82) Chrysene	21.42	228	351199	34.35	ng		98
83) Bis(2-ethylhexyl)phthalate	21.51	149	290475	31.99	ng		100
84) Di-n-octyl phthalate	22.30	149	489130	31.55	ng		100
85) Indeno(1,2,3-cd)pyrene	24.30	276	387242	34.51	ng		98
87) Benzo(b)fluoranthene	22.67	252	366999	34.52	ng	#	97
88) Benzo(k)fluoranthene	22.70	252	314482	31.76	ng	#	96
89) Benzo(a)pyrene	23.04	252	327777	34.55	ng		98
90) Dibenzo(a,h)anthracene	24.33	278	318339	33.86	ng		97
91) Benzo(g,h,i)perylene	24.62	276	322951	35.30	ng		97

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

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