Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076864.D
Acq On : 14 Jan 2015 17:43
Operator : IZ / TP
Sample : PB81310BS
Misc : W DOD
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Manual Integrations APPROVED
tejaskumar
1/15/2015 2:28:20 PM

Quant Time: Jan 15 00:07:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 23:27:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29598	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	119899	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	64077	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	107785	20.00	ng		0.00
75) Chrysene-d12	21.31	240	105508	20.00	ng		0.00
86) Perylene-d12	23.00	264	93143	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	239950	133.29	ng		0.01
7) Phenol-d6	7.42	99	296421	130.53	ng		0.00
23) Nitrobenzene-d5	9.32	82	185350	85.64	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	68728	132.14	ng		0.00
44) 2-Fluorobiphenyl	13.59	172	377904	89.75	ng		0.00
78) Terphenyl-d14	20.04	244	377217	82.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.34	88	25209	32.70	ng		98
3) Pyridine	1.83	79	75395	37.80	ng		94
4) n-Nitrosodimethylamine	1.78	42	38225	38.69	ng	#	92
6) Aniline	7.32	93	28680	9.13	ng		95
8) 2-Chlorophenol	7.56	128	78808	37.97	ng		99
9) Benzaldehyde	7.03	77	31472	22.28	ng		91
10) Phenol	7.44	94	95345	39.54	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	75184	39.85	ng		92
12) 1,3-Dichlorobenzene	7.86	146	88897	37.65	ng		98
13) 1,4-Dichlorobenzene	8.06	146	91764	36.65	ng		97
14) 1,2-Dichlorobenzene	8.38	146	87297	37.84	ng		98
15) Benzyl Alcohol	8.45	79	72952	39.70	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	97673	38.51	ng		93
17) 2-Methylphenol	8.79	107	63969	37.72	ng		97
18) Hexachloroethane	9.12	117	34078	39.13	ng		96
19) n-Nitroso-di-n-propylamine	9.08	70	58506	36.80	ng		97
20) 3+4-Methylphenols	9.18	107	82654	36.81	ng		93
22) Acetophenone	9.01	105	121058	41.22	ng		97
24) Nitrobenzene	9.36	77	87761	39.81	ng		95
25) Isophorone	9.96	82	156559	39.72	ng	#	93
26) 2-Nitrophenol	10.09	139	41653	36.71	ng	#	85
27) 2,4-Dimethylphenol	10.37	122	70759	41.50	ng		99
28) bis(2-Chloroethoxy)methane	10.57	93	95635	42.69	ng		97
29) 2,4-Dichlorophenol	10.70	162	66593	41.91	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	70882	40.16	ng		93
31) Naphthalene	10.97	128	240536	38.97	ng		98
32) Benzoic acid	10.71	122	36755m	38.91	ng		
33) 4-Chloroaniline	11.21	127	26747	10.72	ng		98
34) Hexachlorobutadiene	11.34	225	40523	38.70	ng		96
35) Caprolactam	12.05	113	18288	39.09	ng	#	86
36) 4-Chloro-3-methylphenol	12.52	107	72611	39.91	ng		98
37) 2-Methylnaphthalene	12.63	142	166938	39.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66327	41.87	ng		98
40) Hexachlorocyclopentadiene	13.03	237	70697	85.19	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	44993	38.98	ng		98
43) 2,4,5-Trichlorophenol	13.48	196	45028	38.25	ng		99
45) 1,1'-Biphenyl	13.80	154	199850	42.07	ng		97
46) 2-Chloronaphthalene	13.77	162	160834	41.14	ng		96
47) 2-Nitroaniline	14.11	65	49985	42.15	ng		92
48) Acenaphthylene	14.72	152	254355	38.58	ng		99
49) Dimethylphthalate	14.65	163	183151	40.30	ng		96
50) 2,6-Dinitrotoluene	14.76	165	38251	42.13	ng		97
51) Acenaphthene	15.15	154	143868	38.46	ng		98
52) 3-Nitroaniline	15.10	138	18082	15.17	ng	#	77
53) 2,4-Dinitrophenol	15.39	184	29685	75.25	ng		98
54) Dibenzofuran	15.57	168	224643	41.22	ng		97
55) 4-Nitrophenol	15.68	139	52294	73.41	ng		95
56) 2,4-Dinitrotoluene	15.68	165	53161	38.82	ng	#	82
57) Fluorene	16.28	166	184693	40.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	34130	39.82	ng		93
59) Diethylphthalate	16.27	149	194337	42.31	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	78512	41.56	ng		97
61) 4-Nitroaniline	16.40	138	38775	33.74	ng		97
62) Azobenzene	16.64	77	192902	40.31	ng		97
64) 4,6-Dinitro-2-methylphenol	16.47	198	24456	34.96	ng	#	63
65) n-Nitrosodiphenylamine	16.60	169	151125	39.32	ng		98
66) 4-Bromophenyl-phenylether	17.19	248	45277	41.46	ng		97
67) Hexachlorobenzene	17.21	284	46212	40.16	ng		96
68) Atrazine	17.56	200	56685	48.60	ng		96
69) Pentachlorophenol	17.57	266	38419	75.87	ng		94
70) Phenanthrene	17.85	178	258480	38.45	ng		99
71) Anthracene	17.92	178	259168	39.54	ng		98
72) Carbazole	18.21	167	247567	38.94	ng		99
73) Di-n-butylphthalate	18.79	149	316026	42.94	ng		99
74) Fluoranthene	19.49	202	263693	38.29	ng		98
76) Benzidine	19.72	184	85354	25.28	ng		98
77) Pyrene	19.77	202	277575	38.39	ng		100
79) Butylbenzylphthalate	20.70	149	138522	42.30	ng		96
80) Benzo(a)anthracene	21.29	228	251281	37.96	ng		99
81) 3,3'-Dichlorobenzidine	21.31	252	23995	11.41	ng		98
82) Chrysene	21.34	228	237570	39.35	ng		98
83) Bis(2-ethylhexyl)phthalate	21.44	149	205663	45.39	ng		100
84) Di-n-octyl phthalate	22.22	149	359476	45.71	ng		99
85) Indeno(1,2,3-cd)pyrene	24.14	276	250627	39.17	ng	#	84
87) Benzo(b)fluoranthene	22.56	252	255562	40.74	ng		99
88) Benzo(k)fluoranthene	22.60	252	212830m	38.83	ng		
89) Benzo(a)pyrene	22.93	252	225460	40.74	ng		97
90) Dibenzo(a,h)anthracene	24.16	278	209650	41.29	ng	#	93
91) Benzo(g,h,i)perylene	24.44	276	202473	40.11	ng	#	93

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

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