Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102215\
Data File : BF082452.D
Acq On : 22 Oct 2015 18:37
Operator : UM/IZ
Sample : PB86210BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86210BSD

Manual Integrations APPROVED
mmdadoda
10/23/2015 4:45:15 PM

Quant Time: Oct 23 02:11:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 01:26:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	105652	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	417463	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	215110	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	438099	20.00	ng		0.00
75) Chrysene-d12	13.99	240	404734	20.00	ng		-0.01
86) Perylene-d12	15.51	264	325392	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	412880	78.87	ng		0.01
7) Phenol-d6	6.41	99	516703	75.85	ng		-0.01
23) Nitrobenzene-d5	7.34	82	470797	75.73	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	132122	65.49	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	915594	70.59	ng		-0.01
78) Terphenyl-d14	12.89	244	1102137	72.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	75772	28.81	ng		96
3) Pyridine	3.06	79	185758	30.37	ng		99
4) n-Nitrosodimethylamine	3.03	42	84168	32.44	ng		91
6) Aniline	6.42	93	129710	14.77	ng	#	16
8) 2-Chlorophenol	6.55	128	230228	36.03	ng		88
9) Benzaldehyde	6.31	77	90595	26.04	ng		93
10) Phenol	6.43	94	264263	33.65	ng		90
11) bis(2-Chloroethyl)ether	6.50	93	210549	31.70	ng		99
12) 1,3-Dichlorobenzene	6.70	146	255232	34.29	ng		99
13) 1,4-Dichlorobenzene	6.78	146	270735	34.83	ng		99
14) 1,2-Dichlorobenzene	6.93	146	234956	31.84	ng		98
15) Benzyl Alcohol	6.91	79	177667	37.78	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	308072	33.31	ng		77
17) 2-Methylphenol	7.04	107	185264	36.66	ng	#	93
18) Hexachloroethane	7.27	117	90612	34.06	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	166803	34.87	ng		96
20) 3+4-Methylphenols	7.20	107	241904	40.17	ng	#	58
22) Acetophenone	7.18	105	308876	37.40	ng	#	89
24) Nitrobenzene	7.35	77	215358	32.01	ng		100
25) Isophorone	7.59	82	424980	33.87	ng		98
26) 2-Nitrophenol	7.67	139	120422	35.84	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	197966	36.57	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	257365	35.25	ng		98
29) 2,4-Dichlorophenol	7.92	162	217253	40.15	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	209701	33.62	ng		99
31) Naphthalene	8.07	128	623010	34.43	ng		100
32) Benzoic acid	7.86	122	129136	35.55	ng		97
33) 4-Chloroaniline	8.14	127	78728	10.48	ng		94
34) Hexachlorobutadiene	8.18	225	119799	30.83	ng		98
35) Caprolactam	8.51	113	62968	40.10	ng	#	79
36) 4-Chloro-3-methylphenol	8.63	107	207083	39.13	ng		97
37) 2-Methylnaphthalene	8.77	142	467508	37.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	223655	34.96	ng		98
40) Hexachlorocyclopentadiene	8.91	237	138872	46.75	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	142955	33.64	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	160243	34.81	ng	#	88
45) 1,1'-Biphenyl	9.23	154	599911	36.57	ng		97
46) 2-Chloronaphthalene	9.26	162	453963	35.16	ng		95
47) 2-Nitroaniline	9.36	65	129991	36.67	ng		99
48) Acenaphthylene	9.67	152	701876	34.89	ng		99
49) Dimethylphthalate	9.54	163	573656	37.87	ng		99
50) 2,6-Dinitrotoluene	9.61	165	132691	41.52	ng	#	85
51) Acenaphthene	9.84	154	408924	33.86	ng		99
52) 3-Nitroaniline	9.78	138	52270	14.48	ng		97
53) 2,4-Dinitrophenol	9.89	184	90916	53.23	ng	#	72
54) Dibenzofuran	10.02	168	633753	38.23	ng		93
55) 4-Nitrophenol	9.97	139	136222	60.51	ng		91
56) 2,4-Dinitrotoluene	10.01	165	159830	40.01	ng	#	87
57) Fluorene	10.35	166	511824	37.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126105	33.53	ng		98
59) Diethylphthalate	10.24	149	554393	39.26	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	255714	41.00	ng		89
61) 4-Nitroaniline	10.40	138	129560	37.00	ng		99
62) Azobenzene	10.51	77	552087	39.95	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	86494	35.18	ng		86
65) n-Nitrosodiphenylamine	10.48	169	488253	37.22	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	154403	35.22	ng	#	87
67) Hexachlorobenzene	10.90	284	153574	32.39	ng	#	69
68) Atrazine	11.01	200	149835	36.06	ng		99
69) Pentachlorophenol	11.11	266	143530	58.82	ng		98
70) Phenanthrene	11.33	178	863386	40.21	ng		100
71) Anthracene	11.37	178	807141	36.48	ng		99
72) Carbazole	11.53	167	728514	36.09	ng		99
73) Di-n-butylphthalate	11.86	149	886648	35.61	ng		100
74) Fluoranthene	12.51	202	920100	39.89	ng		98
76) Benzidine	12.64	184	264634	22.56	ng		98
77) Pyrene	12.74	202	928261	38.65	ng		100
79) Butylbenzylphthalate	13.38	149	422934	38.58	ng	#	84
80) Benzo(a)anthracene	13.98	228	749940	35.61	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	134329	16.81	ng	#	98
82) Chrysene	14.02	228	750722	33.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	538349	34.42	ng	#	97
84) Di-n-octyl phthalate	14.65	149	947276	35.27	ng		99
85) Indeno(1,2,3-cd)pyrene	16.90	276	558872	31.69	ng		98
87) Benzo(b)fluoranthene	15.10	252	640213m	32.34	ng		
88) Benzo(k)fluoranthene	15.13	252	713908m	42.90	ng		
89) Benzo(a)pyrene	15.45	252	628100	36.92	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	471020	33.78	ng		98
91) Benzo(g,h,i)perylene	17.33	276	454647	33.57	ng		99

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

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