Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082259.D
Acq On : 13 Oct 2015 17:36
Operator : UM/IZ
Sample : PB86086BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86086BS

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:17 PM

Quant Time: Oct 14 01:53:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	80280	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	319672	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	160870	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	305068	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	302438	20.00	ng		-0.05
86) Perylene-d12	15.66	264	281802	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	490258	123.25	ng		0.01
7) Phenol-d6	6.47	99	610727	117.98	ng		0.00
23) Nitrobenzene-d5	7.39	82	377672	79.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	179827	119.20	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	818060	84.33	ng		0.00
78) Terphenyl-d14	12.97	244	841902	73.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	57209	28.62	ng		90
3) Pyridine	3.18	79	163548	35.18	ng		97
4) n-Nitrosodimethylamine	3.13	42	67100	34.04	ng		99
6) Aniline	6.49	93	170896	25.61	ng		98
8) 2-Chlorophenol	6.61	128	170923	35.20	ng	#	77
9) Benzaldehyde	6.38	77	86121	32.58	ng		92
10) Phenol	6.48	94	232184	38.90	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	176326	34.94	ng		94
12) 1,3-Dichlorobenzene	6.77	146	206042	36.43	ng		98
13) 1,4-Dichlorobenzene	6.85	146	209596	35.49	ng		98
14) 1,2-Dichlorobenzene	6.99	146	198124	35.33	ng		97
15) Benzyl Alcohol	6.97	79	135987	38.05	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	244249	34.75	ng		99
17) 2-Methylphenol	7.09	107	139758	36.40	ng		99
18) Hexachloroethane	7.34	117	72427	35.83	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	121413	33.40	ng	#	89
20) 3+4-Methylphenols	7.25	107	177861	38.87	ng		95
22) Acetophenone	7.25	105	246215	38.94	ng	#	96
24) Nitrobenzene	7.42	77	185783	36.06	ng		95
25) Isophorone	7.66	82	348310	36.25	ng		97
26) 2-Nitrophenol	7.74	139	101338	39.39	ng		95
27) 2,4-Dimethylphenol	7.77	122	155771	37.58	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	211599	37.85	ng		99
29) 2,4-Dichlorophenol	7.98	162	169333	40.87	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	174132	36.46	ng		99
31) Naphthalene	8.14	128	513773	37.08	ng		99
32) Benzoic acid	7.90	122	81723	29.38	ng		97
33) 4-Chloroaniline	8.19	127	104012	18.07	ng		96
34) Hexachlorobutadiene	8.25	225	105913	35.59	ng		99
35) Caprolactam	8.56	113	46166	38.39	ng	#	72
36) 4-Chloro-3-methylphenol	8.69	107	166474	41.08	ng		86
37) 2-Methylnaphthalene	8.83	142	370066	38.52	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	169140	35.35	ng		99
40) Hexachlorocyclopentadiene	8.98	237	169380	71.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	109637	34.50	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	135942	39.49	ng		95
45) 1,1'-Biphenyl	9.29	154	436747	35.60	ng		99
46) 2-Chloronaphthalene	9.33	162	358348	37.11	ng		99
47) 2-Nitroaniline	9.43	65	103224	38.94	ng	#	67
48) Acenaphthylene	9.74	152	560790	37.28	ng		100
49) Dimethylphthalate	9.60	163	393349	34.72	ng		100
50) 2,6-Dinitrotoluene	9.67	165	98149	41.06	ng		97
51) Acenaphthene	9.91	154	326515	36.15	ng		99
52) 3-Nitroaniline	9.84	138	53753	19.91	ng		98
53) 2,4-Dinitrophenol	9.94	184	86678	66.10	ng	#	73
54) Dibenzofuran	10.08	168	479241	38.65	ng		98
55) 4-Nitrophenol	10.01	139	129616	72.28	ng		98
56) 2,4-Dinitrotoluene	10.07	165	113194	37.89	ng		89
57) Fluorene	10.42	166	377978	37.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	106896	38.00	ng		93
59) Diethylphthalate	10.30	149	385671	36.52	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	177903	38.14	ng	#	80
61) 4-Nitroaniline	10.46	138	96106	36.70	ng		98
62) Azobenzene	10.58	77	391973	37.93	ng		84
64) 4,6-Dinitro-2-methylphenol	10.48	198	64224	37.51	ng		87
65) n-Nitrosodiphenylamine	10.54	169	330545	36.19	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	109941	36.01	ng	#	81
67) Hexachlorobenzene	10.97	284	126808	38.40	ng	#	87
68) Atrazine	11.07	200	113229	39.13	ng		95
69) Pentachlorophenol	11.17	266	126032	74.18	ng		96
70) Phenanthrene	11.39	178	578672	38.70	ng		98
71) Anthracene	11.44	178	610693	39.63	ng		99
72) Carbazole	11.60	167	542382	38.59	ng		99
73) Di-n-butylphthalate	11.93	149	637293	36.75	ng		98
74) Fluoranthene	12.58	202	647228	40.30	ng		99
76) Benzidine	12.72	184	307799	35.12	ng		98
77) Pyrene	12.81	202	632185	35.22	ng		99
79) Butylbenzylphthalate	13.46	149	267905	32.71	ng		99
80) Benzo(a)anthracene	14.08	228	599037	38.07	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	142236	23.81	ng	#	96
82) Chrysene	14.12	228	532165	32.10	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	341907	29.26	ng	#	98
84) Di-n-octyl phthalate	14.78	149	637889	31.79	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	538077	40.83	ng		99
87) Benzo(b)fluoranthene	15.24	252	558579	32.58	ng	#	98
88) Benzo(k)fluoranthene	15.27	252	579497m	40.21	ng		
89) Benzo(a)pyrene	15.60	252	558489	37.90	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	445462	36.89	ng		99
91) Benzo(g,h,i)perylene	17.53	276	433197	36.93	ng		99

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

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