Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081933.D
Acq On : 1 Oct 2015 12:07
Operator : UM/IZ
Sample : PB85818BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85818BS

Manual Integrations APPROVED
apatel
10/2/2015 9:01:06 AM

Quant Time: Oct 02 02:11:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	126967	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	491609	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	243300	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	483424	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	419741	20.00	ng		-0.05
86) Perylene-d12	15.51	264	350716	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	705807	100.91	ng		-0.02
7) Phenol-d6	6.53	99	934598	106.19	ng		-0.03
23) Nitrobenzene-d5	7.46	82	571087	77.44	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	284516	115.47	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1098497	73.61	ng		-0.05
78) Terphenyl-d14	13.01	244	1174789	92.70	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	94387	31.03	ng		89
3) Pyridine	3.33	79	264034	33.34	ng	#	83
4) n-Nitrosodimethylamine	3.28	42	110376	30.69	ng		91
6) Aniline	6.56	93	310991m	26.30	ng		
8) 2-Chlorophenol	6.69	128	295508	38.26	ng		97
9) Benzaldehyde	6.45	77	56126	9.74	ng	#	84
10) Phenol	6.55	94	335027	33.94	ng		77
11) bis(2-Chloroethyl)ether	6.64	93	318104m	41.55	ng		
12) 1,3-Dichlorobenzene	6.83	146	321821m	35.27	ng		
13) 1,4-Dichlorobenzene	6.91	146	346280m	36.35	ng		
14) 1,2-Dichlorobenzene	7.07	146	306129	36.06	ng		98
15) Benzyl Alcohol	7.04	79	215525	33.92	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	399605	36.92	ng		81
17) 2-Methylphenol	7.15	107	239877	38.31	ng	#	86
18) Hexachloroethane	7.41	117	111075	37.24	ng	#	88
19) n-Nitroso-di-n-propylamine	7.31	70	192966	36.07	ng	#	77
20) 3+4-Methylphenols	7.30	107	272530	34.46	ng	#	70
22) Acetophenone	7.31	105	395490	39.35	ng	#	83
24) Nitrobenzene	7.49	77	297719	37.18	ng	#	72
25) Isophorone	7.73	82	557332	38.13	ng	#	93
26) 2-Nitrophenol	7.81	139	159724	41.55	ng	#	88
27) 2,4-Dimethylphenol	7.84	122	275857	40.79	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	325978	37.55	ng	#	93
29) 2,4-Dichlorophenol	8.05	162	270357	41.23	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	287955	39.34	ng		98
31) Naphthalene	8.21	128	846724	38.87	ng		97
32) Benzoic acid	7.95	122	146630	38.05	ng	#	71
33) 4-Chloroaniline	8.26	127	183781	19.51	ng	#	97
34) Hexachlorobutadiene	8.32	225	174028	40.20	ng		98
35) Caprolactam	8.63	113	82034m	45.19	ng		
36) 4-Chloro-3-methylphenol	8.73	107	263567	41.11	ng	#	78
37) 2-Methylnaphthalene	8.89	142	566352	38.09	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	293497	39.29	ng		98
40) Hexachlorocyclopentadiene	9.05	237	339151	88.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	194688	38.02	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	221814m	42.12	ng		
45) 1,1'-Biphenyl	9.36	154	715816	38.14	ng		94
46) 2-Chloronaphthalene	9.38	162	548686	37.23	ng	#	92
47) 2-Nitroaniline	9.49	65	172867	39.95	ng	#	82
48) Acenaphthylene	9.81	152	921537	39.07	ng		97
49) Dimethylphthalate	9.67	163	692111	41.21	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	143447	39.34	ng	#	64
51) Acenaphthene	9.98	154	620263	44.28	ng		90
52) 3-Nitroaniline	9.90	138	108148	25.64	ng	#	72
53) 2,4-Dinitrophenol	10.00	184	138063	78.65	ng	#	52
54) Dibenzofuran	10.15	168	818902	41.37	ng	#	92
55) 4-Nitrophenol	10.06	139	229701	75.36	ng	#	52
56) 2,4-Dinitrotoluene	10.13	165	191564	41.21	ng	#	68
57) Fluorene	10.49	166	634493	44.80	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	194622	46.59	ng		91
59) Diethylphthalate	10.37	149	666017	42.46	ng		95
60) 4-Chlorophenyl-phenylether	10.48	204	308231	42.53	ng		94
61) 4-Nitroaniline	10.51	138	162289	38.37	ng	#	51
62) Azobenzene	10.64	77	660926	43.17	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	106714	48.52	ng	#	76
65) n-Nitrosodiphenylamine	10.61	169	569345	38.93	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	207667	42.60	ng	#	92
67) Hexachlorobenzene	11.03	284	193481	35.17	ng	#	88
68) Atrazine	11.13	200	199759	44.02	ng		84
69) Pentachlorophenol	11.22	266	230427	73.52	ng		100
70) Phenanthrene	11.45	178	972752	41.69	ng		96
71) Anthracene	11.50	178	990650	40.32	ng		97
72) Carbazole	11.66	167	913005	41.06	ng		95
73) Di-n-butylphthalate	11.99	149	1054215	46.59	ng	#	99
74) Fluoranthene	12.64	202	1061135	40.98	ng		86
76) Benzidine	12.77	184	423554	33.49	ng		97
77) Pyrene	12.87	202	1086412	43.33	ng		96
79) Butylbenzylphthalate	13.49	149	477426	50.60	ng	#	90
80) Benzo(a)anthracene	14.05	228	906379	40.10	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	208715	27.34	ng	#	91
82) Chrysene	14.09	228	962117m	55.41	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	582812	49.24	ng	#	92
84) Di-n-octyl phthalate	14.65	149	1021511	53.03	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	707362	40.01	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	955687m	47.73	ng		
88) Benzo(k)fluoranthene	15.12	252	699373m	38.11	ng		
89) Benzo(a)pyrene	15.45	252	776257	44.69	ng	#	85
90) Dibenzo(a,h)anthracene	16.96	278	582485	39.97	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	566192	37.91	ng	#	77

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

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