Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079948.D
Acq On : 12 Jun 2015 21:34
Operator : TP/IZ
Sample : PB83999BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83999BS

Manual Integrations APPROVED
apatel
6/15/2015 12:44:09 PM

Quant Time: Jun 12 23:49:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41424	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	163064	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	89938	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	184382	20.00	ng		-0.02
75) Chrysene-d12	14.90	240	206730m	20.00	ng		-0.24
86) Perylene-d12	16.80	264	201586m	20.00	ng		-0.30
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	310903	137.62	ng		0.00
7) Phenol-d6	6.97	99	390114	126.75	ng		0.00
23) Nitrobenzene-d5	7.93	82	220404	89.18	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	103650	114.78	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	517712	80.60	ng		0.00
78) Terphenyl-d14	13.63	244	654280	72.97	ng		-0.14
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	34207	33.28	ng		91
3) Pyridine	4.10	79	122286	46.43	ng		96
4) n-Nitrosodimethylamine	4.01	42	54868	42.27	ng		85
6) Aniline	7.03	93	111400	25.01	ng		94
8) 2-Chlorophenol	7.16	128	108614	39.56	ng		88
9) Benzaldehyde	6.92	77	72152	40.78	ng		84
10) Phenol	6.99	94	131950	38.98	ng		93
11) bis(2-Chloroethyl)ether	7.10	93	103385	37.96	ng		91
12) 1,3-Dichlorobenzene	7.32	146	126515m	39.50	ng		
13) 1,4-Dichlorobenzene	7.39	146	133185	40.03	ng		92
14) 1,2-Dichlorobenzene	7.55	146	128673	43.54	ng		94
15) Benzyl Alcohol	7.50	79	96518	39.11	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.64	45	176101	43.65	ng		97
17) 2-Methylphenol	7.60	107	86295	35.98	ng		95
18) Hexachloroethane	7.90	117	37456	36.36	ng	#	82
19) n-Nitroso-di-n-propylamine	7.77	70	80883	36.78	ng	#	90
20) 3+4-Methylphenols	7.76	107	123775	40.37	ng		95
22) Acetophenone	7.77	105	156333	40.59	ng	#	90
24) Nitrobenzene	7.95	77	115332	43.87	ng	#	85
25) Isophorone	8.18	82	208432	36.24	ng	#	93
26) 2-Nitrophenol	8.27	139	41447	45.04	ng	#	84
27) 2,4-Dimethylphenol	8.30	122	107434	41.68	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	134861	39.49	ng		99
29) 2,4-Dichlorophenol	8.51	162	105298	48.78	ng		89
30) 1,2,4-Trichlorobenzene	8.60	180	109362	39.86	ng		98
31) Naphthalene	8.70	128	328367	36.84	ng		99
32) Benzoic acid	8.34	122	35202m	37.29	ng		
33) 4-Chloroaniline	8.72	127	66086	19.10	ng	#	93
34) Hexachlorobutadiene	8.81	225	68617	45.05	ng		98
35) Caprolactam	9.06	113	29339	42.97	ng		92
36) 4-Chloro-3-methylphenol	9.19	107	97585	39.57	ng	#	85
37) 2-Methylnaphthalene	9.38	142	233800	38.82	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	116976	38.83	ng		98
40) Hexachlorocyclopentadiene	9.54	237	98819	75.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	74755	40.28	ng		98
43) 2,4,5-Trichlorophenol	9.69	196	73597	35.92	ng	#	90
45) 1,1'-Biphenyl	9.85	154	299355	41.13	ng		94
46) 2-Chloronaphthalene	9.88	162	216770	34.98	ng	#	92
47) 2-Nitroaniline	9.96	65	46797	36.30	ng	#	54
48) Acenaphthylene	10.30	152	368384	35.22	ng		99
49) Dimethylphthalate	10.14	163	284430	39.47	ng		98
50) 2,6-Dinitrotoluene	10.20	165	46102	35.84	ng	#	62
51) Acenaphthene	10.48	154	226609	38.11	ng		93
52) 3-Nitroaniline	10.38	138	34850	23.35	ng	#	69
53) 2,4-Dinitrophenol	10.48	184	26112	88.15	ng	#	1
54) Dibenzofuran	10.65	168	345396	39.76	ng		92
55) 4-Nitrophenol	10.51	139	99158	86.02	ng	#	79
56) 2,4-Dinitrotoluene	10.60	165	63600	37.60	ng	#	67
57) Fluorene	10.99	166	280481	37.04	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.76	232	65565	42.22	ng		95
59) Diethylphthalate	10.84	149	262237	36.40	ng	#	94
60) 4-Chlorophenyl-phenylether	10.98	204	135493	40.07	ng	#	81
61) 4-Nitroaniline	10.98	138	52122	32.14	ng		88
62) Azobenzene	11.14	77	259380	37.42	ng		84
64) 4,6-Dinitro-2-methylphenol	11.02	198	15395	39.43	ng	#	37
65) n-Nitrosodiphenylamine	11.10	169	230707	38.76	ng		98
66) 4-Bromophenyl-phenylether	11.47	248	79599	38.52	ng	#	88
67) Hexachlorobenzene	11.55	284	85446	37.91	ng	#	86
68) Atrazine	11.61	200	80594	43.99	ng		97
69) Pentachlorophenol	11.75	266	81366	77.29	ng		97
70) Phenanthrene	11.98	178	443257	40.34	ng		99
71) Anthracene	12.02	178	422131	39.70	ng		99
72) Carbazole	12.17	167	384892	37.32	ng		98
73) Di-n-butylphthalate	12.50	149	474988	42.28	ng		99
74) Fluoranthene	13.23	202	471233	38.79	ng		98
76) Benzidine	13.35	184	315506	55.11	ng		99
77) Pyrene	13.50	202	492994	37.97	ng		98
79) Butylbenzylphthalate	14.18	149	182671m	41.66	ng		
80) Benzo(a)anthracene	14.89	228	473751m	36.09	ng		
81) 3,3'-Dichlorobenzidine	14.83	252	96279m	22.94	ng		
82) Chrysene	14.94	228	453628m	38.91	ng		
83) Bis(2-ethylhexyl)phthalate	14.87	149	302490m	43.10	ng		
84) Di-n-octyl phthalate	15.67	149	497729m	43.49	ng		
85) Indeno(1,2,3-cd)pyrene	18.70	276	518339m	37.70	ng		
87) Benzo(b)fluoranthene	16.25	252	448035m	36.27	ng		
88) Benzo(k)fluoranthene	16.29	252	489224m	38.84	ng		
89) Benzo(a)pyrene	16.72	252	456914m	38.90	ng		
90) Dibenzo(a,h)anthracene	18.72	278	426473m	36.93	ng		
91) Benzo(g,h,i)perylene	19.27	276	443171m	37.09	ng		

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

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