Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082254.D
Acq On : 13 Oct 2015 15:12
Operator : UM/IZ
Sample : PB86065BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:15 PM

Quant Time: Oct 14 01:44:37 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	74878	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	297964	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	156240	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	308611	20.00	ng		0.00
75) Chrysene-d12	14.18	240	298964	20.00	ng		0.05
86) Perylene-d12	15.83	264	290150	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	315955	85.16	ng		0.01
7) Phenol-d6	6.47	99	410318	84.99	ng		0.00
23) Nitrobenzene-d5	7.39	82	359352	80.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	120193	82.03	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	749638	79.57	ng		0.00
78) Terphenyl-d14	13.01	244	867252	76.87	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	55282	29.66	ng		95
3) Pyridine	3.18	79	144393	33.30	ng		98
4) n-Nitrosodimethylamine	3.13	42	65696	35.73	ng		98
6) Aniline	6.49	93	126859	20.38	ng		97
8) 2-Chlorophenol	6.62	128	170226	37.58	ng		99
9) Benzaldehyde	6.38	77	118633	48.12	ng		97
10) Phenol	6.48	94	227339	40.84	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	168391	35.77	ng		95
12) 1,3-Dichlorobenzene	6.77	146	197744	37.49	ng		98
13) 1,4-Dichlorobenzene	6.85	146	201457	36.57	ng		99
14) 1,2-Dichlorobenzene	6.99	146	181211	34.64	ng		98
15) Benzyl Alcohol	6.97	79	133751	40.13	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	238166	36.33	ng		99
17) 2-Methylphenol	7.10	107	142894	39.90	ng		99
18) Hexachloroethane	7.34	117	67841	35.98	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	115303	34.01	ng	#	87
20) 3+4-Methylphenols	7.25	107	171489	40.18	ng		96
22) Acetophenone	7.25	105	232379	39.42	ng	#	96
24) Nitrobenzene	7.42	77	174581	36.35	ng		96
25) Isophorone	7.66	82	330626	36.92	ng		98
26) 2-Nitrophenol	7.74	139	99440	41.47	ng		98
27) 2,4-Dimethylphenol	7.78	122	154352	39.95	ng		92
28) bis(2-Chloroethoxy)methane	7.87	93	208790	40.07	ng		99
29) 2,4-Dichlorophenol	7.98	162	158341	41.00	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	160962	36.16	ng		99
31) Naphthalene	8.14	128	476157	36.86	ng		100
32) Benzoic acid	7.90	122	70113	27.04	ng		97
33) 4-Chloroaniline	8.19	127	80714	15.05	ng		99
34) Hexachlorobutadiene	8.25	225	94816	34.18	ng		99
35) Caprolactam	8.57	113	49523	44.18	ng		91
36) 4-Chloro-3-methylphenol	8.69	107	163586	43.31	ng		91
37) 2-Methylnaphthalene	8.83	142	366463	40.93	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	161499	34.75	ng		97
40) Hexachlorocyclopentadiene	8.98	237	147059	64.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	113176	36.67	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	125726	37.60	ng	#	92
45) 1,1'-Biphenyl	9.30	154	437292	36.70	ng		95
46) 2-Chloronaphthalene	9.33	162	346499	36.94	ng		98
47) 2-Nitroaniline	9.43	65	105691	41.05	ng	#	84
48) Acenaphthylene	9.74	152	512438	35.07	ng		99
49) Dimethylphthalate	9.61	163	401652	36.51	ng	#	97
50) 2,6-Dinitrotoluene	9.67	165	89456	38.53	ng	#	83
51) Acenaphthene	9.91	154	315284	35.95	ng		99
52) 3-Nitroaniline	9.84	138	44633	17.02	ng		94
53) 2,4-Dinitrophenol	9.95	184	79561	62.82	ng	#	84
54) Dibenzofuran	10.08	168	464448	38.57	ng		96
55) 4-Nitrophenol	10.01	139	124986	71.91	ng		89
56) 2,4-Dinitrotoluene	10.08	165	120017	41.36	ng		91
57) Fluorene	10.42	166	375352	37.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	109540	40.10	ng		97
59) Diethylphthalate	10.31	149	400767	39.08	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	188988	41.71	ng		89
61) 4-Nitroaniline	10.46	138	93185	36.64	ng		98
62) Azobenzene	10.58	77	397185	39.57	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	58900	34.01	ng	#	70
65) n-Nitrosodiphenylamine	10.55	169	339325	36.72	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	120173	38.91	ng	#	89
67) Hexachlorobenzene	10.97	284	115855	34.68	ng	#	70
68) Atrazine	11.07	200	116598	39.83	ng		99
69) Pentachlorophenol	11.18	266	132407	77.03	ng		99
70) Phenanthrene	11.39	178	612594	40.50	ng		99
71) Anthracene	11.44	178	601499	38.59	ng		99
72) Carbazole	11.61	167	544682	38.30	ng		98
73) Di-n-butylphthalate	11.93	149	614383	35.02	ng		100
74) Fluoranthene	12.61	202	668024	41.12	ng		99
76) Benzidine	12.74	184	236395	27.29	ng		98
77) Pyrene	12.85	202	664575	37.46	ng		99
79) Butylbenzylphthalate	13.52	149	276016	34.09	ng		96
80) Benzo(a)anthracene	14.16	228	594985	38.25	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	113063	19.15	ng		99
82) Chrysene	14.21	228	579716	35.37	ng		99
83) Bis(2-ethylhexyl)phthalate	14.16	149	355974	30.82	ng	#	96
84) Di-n-octyl phthalate	14.92	149	646823	32.60	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	541269	41.55	ng		100
87) Benzo(b)fluoranthene	15.40	252	601660	34.08	ng	#	97
88) Benzo(k)fluoranthene	15.42	252	563892m	38.00	ng		
89) Benzo(a)pyrene	15.76	252	562789	37.10	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	450711	36.25	ng		99
91) Benzo(g,h,i)perylene	17.73	276	425084	35.20	ng		98

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

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