Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082482.D
Acq On : 23 Oct 2015 23:17
Operator : UM/IZ
Sample : PB86276BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86276BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:21 PM

Quant Time: Oct 24 05:45:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	107556	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	437966	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	220041	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	433384	20.00	ng		0.00
75) Chrysene-d12	13.94	240	374238	20.00	ng		-0.01
86) Perylene-d12	15.40	264	321792	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	707543	132.77	ng		0.01
7) Phenol-d6	6.41	99	842429	121.47	ng		0.00
23) Nitrobenzene-d5	7.33	82	535775	82.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	210406	101.96	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1117744	84.24	ng		-0.01
78) Terphenyl-d14	12.88	244	1213877	85.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	79434	29.67	ng		96
3) Pyridine	3.01	79	218869	35.15	ng		99
4) n-Nitrosodimethylamine	2.98	42	95941	36.32	ng		95
6) Aniline	6.42	93	253867	28.39	ng	#	1
8) 2-Chlorophenol	6.54	128	242505	37.27	ng	#	76
9) Benzaldehyde	6.30	77	90305	25.50	ng		93
10) Phenol	6.42	94	338259	42.30	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	246680	36.48	ng		94
12) 1,3-Dichlorobenzene	6.69	146	276145	36.45	ng		97
13) 1,4-Dichlorobenzene	6.77	146	283085	35.78	ng		95
14) 1,2-Dichlorobenzene	6.93	146	280245m	37.30	ng		
15) Benzyl Alcohol	6.91	79	191781	40.06	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	341701	36.29	ng		81
17) 2-Methylphenol	7.03	107	202929	39.44	ng		94
18) Hexachloroethane	7.26	117	96804	35.74	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	167656	34.42	ng	#	89
20) 3+4-Methylphenols	7.19	107	259419	42.32	ng	#	62
22) Acetophenone	7.18	105	351343	40.55	ng	#	89
24) Nitrobenzene	7.35	77	273162	38.70	ng		94
25) Isophorone	7.59	82	491942	37.37	ng		98
26) 2-Nitrophenol	7.67	139	142481	40.42	ng		94
27) 2,4-Dimethylphenol	7.71	122	245862	43.29	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	303029	39.57	ng		99
29) 2,4-Dichlorophenol	7.91	162	229950	40.51	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	249094	38.07	ng		98
31) Naphthalene	8.07	128	745006	39.24	ng		100
32) Benzoic acid	7.86	122	118473	31.08	ng		98
33) 4-Chloroaniline	8.13	127	156618	19.86	ng		96
34) Hexachlorobutadiene	8.18	225	138954	34.08	ng		97
35) Caprolactam	8.50	113	65172m	39.56	ng		
36) 4-Chloro-3-methylphenol	8.63	107	234160	42.18	ng		86
37) 2-Methylnaphthalene	8.75	142	485846	36.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	264417	40.40	ng		98
40) Hexachlorocyclopentadiene	8.90	237	173979	55.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	154706	35.59	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	166174	35.29	ng		97
45) 1,1'-Biphenyl	9.22	154	612711	36.52	ng		98
46) 2-Chloronaphthalene	9.25	162	480152	36.35	ng	#	93
47) 2-Nitroaniline	9.36	65	152680	42.10	ng	#	70
48) Acenaphthylene	9.67	152	802943	39.02	ng		99
49) Dimethylphthalate	9.53	163	582905	37.62	ng		100
50) 2,6-Dinitrotoluene	9.60	165	129062	39.48	ng	#	86
51) Acenaphthene	9.84	154	464221	37.58	ng		99
52) 3-Nitroaniline	9.77	138	78213	21.18	ng		99
53) 2,4-Dinitrophenol	9.89	184	120924	67.29	ng		97
54) Dibenzofuran	10.01	168	711652	41.96	ng		98
55) 4-Nitrophenol	9.95	139	132987	58.42	ng	#	84
56) 2,4-Dinitrotoluene	10.01	165	173356	42.42	ng		89
57) Fluorene	10.35	166	577469	41.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	149780	38.93	ng		94
59) Diethylphthalate	10.23	149	578426	40.05	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	257414	40.34	ng		97
61) 4-Nitroaniline	10.39	138	131612	36.74	ng		93
62) Azobenzene	10.50	77	570932	40.39	ng		97
64) 4,6-Dinitro-2-methylphenol	10.42	198	97072	39.91	ng		83
65) n-Nitrosodiphenylamine	10.47	169	492675	37.97	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	169536	39.09	ng		95
67) Hexachlorobenzene	10.89	284	168245	35.87	ng	#	62
68) Atrazine	11.01	200	175220	42.62	ng		94
69) Pentachlorophenol	11.10	266	157859	65.40	ng		98
70) Phenanthrene	11.32	178	855444	40.27	ng		100
71) Anthracene	11.36	178	886836	40.51	ng		99
72) Carbazole	11.53	167	799934	40.06	ng		97
73) Di-n-butylphthalate	11.85	149	913975	37.10	ng		100
74) Fluoranthene	12.50	202	958051	41.99	ng		99
76) Benzidine	12.63	184	378203	34.87	ng		99
77) Pyrene	12.73	202	945446	42.57	ng		99
79) Butylbenzylphthalate	13.35	149	410354	40.49	ng		90
80) Benzo(a)anthracene	13.93	228	792841	40.72	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	204890	27.72	ng		99
82) Chrysene	13.98	228	759429	37.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	582276	40.27	ng		99
84) Di-n-octyl phthalate	14.56	149	1007625	40.58	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	660163	40.48	ng		98
87) Benzo(b)fluoranthene	15.00	252	705118m	36.02	ng		
88) Benzo(k)fluoranthene	15.03	252	752507m	45.73	ng		
89) Benzo(a)pyrene	15.35	252	698294	41.50	ng	#	95
90) Dibenzo(a,h)anthracene	16.80	278	557535	40.44	ng		97
91) Benzo(g,h,i)perylene	17.20	276	530456	39.60	ng		99

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

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