Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082472.D
Acq On : 23 Oct 2015 18:29
Operator : UM/IZ
Sample : PB86220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86220BS

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

Quant Time: Oct 24 05:15:52 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	90696	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	367033	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	185020	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	367335	20.00	ng		0.00
75) Chrysene-d12	13.97	240	290040	20.00	ng		0.01
86) Perylene-d12	15.48	264	265875	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	597601	132.98	ng		0.01
7) Phenol-d6	6.41	99	792114	135.45	ng		0.00
23) Nitrobenzene-d5	7.33	82	483993	88.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	197772	113.98	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1054216	94.49	ng		0.00
78) Terphenyl-d14	12.88	244	984398	89.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	74044	32.79	ng	#	96
3) Pyridine	3.04	79	187772	35.76	ng		97
4) n-Nitrosodimethylamine	3.01	42	93272	41.88	ng		99
6) Aniline	6.42	93	192459	25.53	ng	#	1
8) 2-Chlorophenol	6.54	128	230839	42.08	ng	#	78
9) Benzaldehyde	6.30	77	77119	25.82	ng		92
10) Phenol	6.42	94	321660	47.71	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	222845	39.08	ng		89
12) 1,3-Dichlorobenzene	6.69	146	255729	40.03	ng		95
13) 1,4-Dichlorobenzene	6.77	146	264424	39.63	ng		96
14) 1,2-Dichlorobenzene	6.93	146	260654m	41.14	ng		
15) Benzyl Alcohol	6.91	79	187906	46.55	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	316786	39.90	ng		79
17) 2-Methylphenol	7.03	107	190233	43.85	ng		93
18) Hexachloroethane	7.26	117	92288	40.41	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	165505	40.30	ng	#	89
20) 3+4-Methylphenols	7.19	107	250694	48.49	ng	#	62
22) Acetophenone	7.18	105	326465	44.96	ng	#	89
24) Nitrobenzene	7.35	77	256944	43.43	ng		91
25) Isophorone	7.59	82	465122	42.17	ng		97
26) 2-Nitrophenol	7.67	139	133134	45.07	ng		93
27) 2,4-Dimethylphenol	7.71	122	237359	49.87	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	290227	45.22	ng		100
29) 2,4-Dichlorophenol	7.91	162	217349	45.69	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	234479	42.76	ng		99
31) Naphthalene	8.07	128	693273	43.57	ng		99
32) Benzoic acid	7.86	122	127558	39.94	ng		97
33) 4-Chloroaniline	8.13	127	122469	18.53	ng		97
34) Hexachlorobutadiene	8.18	225	132707	38.84	ng		97
35) Caprolactam	8.50	113	62017m	44.92	ng		
36) 4-Chloro-3-methylphenol	8.63	107	222509	47.83	ng	#	83
37) 2-Methylnaphthalene	8.75	142	476185	43.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	242599	44.08	ng		98
40) Hexachlorocyclopentadiene	8.90	237	160318	59.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	151239	41.38	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	164564	41.56	ng		97
45) 1,1'-Biphenyl	9.22	154	572256	40.56	ng		98
46) 2-Chloronaphthalene	9.25	162	453851	40.86	ng	#	93
47) 2-Nitroaniline	9.36	65	144996	47.55	ng	#	70
48) Acenaphthylene	9.67	152	787498	45.52	ng		99
49) Dimethylphthalate	9.53	163	547161	42.00	ng		100
50) 2,6-Dinitrotoluene	9.60	165	129964	47.28	ng		90
51) Acenaphthene	9.84	154	444397	42.78	ng		99
52) 3-Nitroaniline	9.77	138	67869	21.86	ng		99
53) 2,4-Dinitrophenol	9.89	184	113104	74.14	ng		98
54) Dibenzofuran	10.01	168	684659	48.01	ng		99
55) 4-Nitrophenol	9.95	139	130988	65.75	ng	#	84
56) 2,4-Dinitrotoluene	10.01	165	166377	48.42	ng		92
57) Fluorene	10.35	166	564048	48.16	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	138398	42.78	ng		95
59) Diethylphthalate	10.23	149	560636	46.16	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	240866	44.89	ng		100
61) 4-Nitroaniline	10.39	138	122767	40.76	ng		96
62) Azobenzene	10.50	77	541300	45.54	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	88767	43.06	ng		86
65) n-Nitrosodiphenylamine	10.47	169	465488	42.32	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	158667	43.16	ng		98
67) Hexachlorobenzene	10.89	284	163806	41.20	ng	#	60
68) Atrazine	11.01	200	171816	49.31	ng		96
69) Pentachlorophenol	11.10	266	150266	73.45	ng		98
70) Phenanthrene	11.31	178	813957	45.21	ng		100
71) Anthracene	11.37	178	851145	45.87	ng		100
72) Carbazole	11.53	167	763140	45.09	ng		97
73) Di-n-butylphthalate	11.85	149	855985	41.00	ng		99
74) Fluoranthene	12.50	202	843310	43.61	ng		98
76) Benzidine	12.64	184	295134	35.11	ng		98
77) Pyrene	12.73	202	820438	47.66	ng		99
79) Butylbenzylphthalate	13.37	149	394181	50.18	ng	#	78
80) Benzo(a)anthracene	13.96	228	716146	47.46	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	175192	30.58	ng	#	98
82) Chrysene	14.00	228	728495	45.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	537520	47.96	ng	#	98
84) Di-n-octyl phthalate	14.62	149	917192	47.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	580799	45.95	ng		98
87) Benzo(b)fluoranthene	15.06	252	640474m	39.59	ng		
88) Benzo(k)fluoranthene	15.10	252	688019m	50.60	ng		
89) Benzo(a)pyrene	15.42	252	632753	45.52	ng	#	96
90) Dibenzo(a,h)anthracene	16.88	278	493473	43.32	ng		99
91) Benzo(g,h,i)perylene	17.28	276	477809	43.17	ng		98

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

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