Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082258.D
Acq On : 13 Oct 2015 17:08
Operator : UM/IZ
Sample : PB86079BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86079BS

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:16 PM

Quant Time: Oct 14 01:50:55 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	80016	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	313838	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	156658	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	300322	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	290417	20.00	ng		-0.03
86) Perylene-d12	15.70	264	280284	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	501085	126.39	ng		0.01
7) Phenol-d6	6.47	99	623569	120.86	ng		0.00
23) Nitrobenzene-d5	7.39	82	383985	82.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	188539	128.33	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	833780	88.26	ng		0.00
78) Terphenyl-d14	12.97	244	867954	79.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	59688	29.96	ng		98
3) Pyridine	3.17	79	165167	35.65	ng		97
4) n-Nitrosodimethylamine	3.13	42	69853	35.55	ng		96
6) Aniline	6.49	93	173860	26.14	ng		96
8) 2-Chlorophenol	6.61	128	175956	36.35	ng	#	77
9) Benzaldehyde	6.38	77	89613	34.01	ng		91
10) Phenol	6.48	94	236696	39.79	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	184672	36.71	ng		95
12) 1,3-Dichlorobenzene	6.77	146	211805	37.58	ng		98
13) 1,4-Dichlorobenzene	6.85	146	220006	37.38	ng		98
14) 1,2-Dichlorobenzene	6.99	146	200205	35.82	ng		97
15) Benzyl Alcohol	6.97	79	137383	38.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	251843	35.95	ng		99
17) 2-Methylphenol	7.10	107	142451	37.22	ng		98
18) Hexachloroethane	7.34	117	74723	37.09	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	120510	33.26	ng	#	88
20) 3+4-Methylphenols	7.25	107	178429	39.12	ng		95
22) Acetophenone	7.25	105	248684	40.06	ng	#	96
24) Nitrobenzene	7.42	77	187431	37.05	ng		95
25) Isophorone	7.66	82	347279	36.82	ng		98
26) 2-Nitrophenol	7.74	139	104071	41.20	ng		98
27) 2,4-Dimethylphenol	7.77	122	157975	38.82	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	221588	40.38	ng		99
29) 2,4-Dichlorophenol	7.98	162	174516	42.90	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	176379	37.62	ng		99
31) Naphthalene	8.14	128	517074	38.01	ng		100
32) Benzoic acid	7.90	122	82168	30.09	ng		97
33) 4-Chloroaniline	8.19	127	91753	16.24	ng		97
34) Hexachlorobutadiene	8.25	225	108643	37.18	ng		99
35) Caprolactam	8.56	113	47995	40.65	ng	#	70
36) 4-Chloro-3-methylphenol	8.69	107	171900	43.21	ng		89
37) 2-Methylnaphthalene	8.83	142	378773	40.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	172106	36.94	ng		97
40) Hexachlorocyclopentadiene	8.98	237	170053	72.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	111371	35.99	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	130175	38.83	ng	#	92
45) 1,1'-Biphenyl	9.30	154	444151	37.18	ng		95
46) 2-Chloronaphthalene	9.33	162	364943	38.81	ng		99
47) 2-Nitroaniline	9.43	65	103715	40.17	ng	#	71
48) Acenaphthylene	9.74	152	562021	38.36	ng		100
49) Dimethylphthalate	9.60	163	392158	35.55	ng		100
50) 2,6-Dinitrotoluene	9.67	165	94724	40.70	ng		90
51) Acenaphthene	9.91	154	322741	36.70	ng		98
52) 3-Nitroaniline	9.84	138	52167	19.84	ng		99
53) 2,4-Dinitrophenol	9.94	184	84081	65.87	ng	#	70
54) Dibenzofuran	10.08	168	479743	39.73	ng		97
55) 4-Nitrophenol	10.01	139	133728	75.36	ng		99
56) 2,4-Dinitrotoluene	10.07	165	115304	39.63	ng		89
57) Fluorene	10.42	166	383150	38.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110922	40.49	ng		95
59) Diethylphthalate	10.31	149	403374	39.23	ng		95
60) 4-Chlorophenyl-phenylether	10.42	204	179133	39.43	ng	#	81
61) 4-Nitroaniline	10.46	138	97668	38.30	ng		100
62) Azobenzene	10.58	77	406435	40.39	ng		87
64) 4,6-Dinitro-2-methylphenol	10.48	198	63133	37.46	ng		81
65) n-Nitrosodiphenylamine	10.54	169	332407	36.97	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	113081	37.62	ng	#	79
67) Hexachlorobenzene	10.97	284	129352	39.79	ng	#	85
68) Atrazine	11.07	200	117804	41.35	ng		95
69) Pentachlorophenol	11.17	266	124924	74.69	ng		98
70) Phenanthrene	11.39	178	602951	40.96	ng		99
71) Anthracene	11.44	178	632835	41.72	ng		100
72) Carbazole	11.60	167	554179	40.05	ng		99
73) Di-n-butylphthalate	11.93	149	673103	39.43	ng		99
74) Fluoranthene	12.58	202	638582	40.39	ng		99
76) Benzidine	12.72	184	303353	36.04	ng		98
77) Pyrene	12.82	202	683945	39.68	ng		98
79) Butylbenzylphthalate	13.48	149	276209	35.12	ng		97
80) Benzo(a)anthracene	14.09	228	578728	38.30	ng		100
81) 3,3'-Dichlorobenzidine	14.06	252	143036	24.94	ng		99
82) Chrysene	14.14	228	597278	37.51	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	364361	32.47	ng		98
84) Di-n-octyl phthalate	14.81	149	649454	33.70	ng		99
85) Indeno(1,2,3-cd)pyrene	17.16	276	559533	44.21	ng		99
87) Benzo(b)fluoranthene	15.28	252	627340	36.79	ng	#	96
88) Benzo(k)fluoranthene	15.30	252	530886m	37.04	ng		
89) Benzo(a)pyrene	15.65	252	572637	39.07	ng	#	95
90) Dibenzo(a,h)anthracene	17.18	278	469648	39.11	ng	#	96
91) Benzo(g,h,i)perylene	17.59	276	448432	38.44	ng		99

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

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