Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011315\
Data File : BF076845.D
Acq On : 13 Jan 2015 15:43
Operator : IZ / TP
Sample : PB81296BS
Misc : S DOD
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81296BS

Manual Integrations APPROVED
tejaskumar
1/14/2015 5:22:03 PM

Quant Time: Jan 14 11:50:08 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34914	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	149548	20.00	ng		-0.03
38) Acenaphthene-d10	15.09	164	79213	20.00	ng		-0.05
63) Phenanthrene-d10	17.82	188	132677	20.00	ng		-0.03
75) Chrysene-d12	21.31	240	128205	20.00	ng		-0.05
86) Perylene-d12	22.97	264	115236	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	237283	113.41	ng		-0.03
7) Phenol-d6	7.46	99	288210	109.41	ng		-0.03
23) Nitrobenzene-d5	9.35	82	177310	65.89	ng		-0.03
41) 2,4,6-Tribromophenol	16.73	330	71442	108.06	ng		-0.05
44) 2-Fluorobiphenyl	13.60	172	359858	66.86	ng		-0.05
78) Terphenyl-d14	20.04	244	357968	61.30	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	24832	27.83	ng		92
3) Pyridine	1.85	79	63479	26.73	ng		94
4) n-Nitrosodimethylamine	1.81	42	39475	33.07	ng	#	77
6) Aniline	7.35	93	68718	18.90	ng		99
8) 2-Chlorophenol	7.59	128	79646	32.19	ng		99
9) Benzaldehyde	7.06	77	33109	21.18	ng		97
10) Phenol	7.49	94	96166	33.51	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	75243	32.72	ng		92
12) 1,3-Dichlorobenzene	7.91	146	85513	31.13	ng		96
13) 1,4-Dichlorobenzene	8.09	146	87284	30.30	ng		98
14) 1,2-Dichlorobenzene	8.41	146	86431	32.20	ng		99
15) Benzyl Alcohol	8.48	79	72251	32.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.84	45	95312	30.84	ng	#	67
17) 2-Methylphenol	8.84	107	62602	31.60	ng		96
18) Hexachloroethane	9.16	117	31891	30.62	ng		95
19) n-Nitroso-di-n-propylamine	9.11	70	57394	30.67	ng		96
20) 3+4-Methylphenols	9.21	107	84819	32.42	ng		96
22) Acetophenone	9.04	105	117111	31.87	ng		99
24) Nitrobenzene	9.40	77	85579	31.48	ng		96
25) Isophorone	9.99	82	151922	31.04	ng		97
26) 2-Nitrophenol	10.14	139	42071	32.35	ng		94
27) 2,4-Dimethylphenol	10.41	122	70231	33.26	ng		96
28) bis(2-Chloroethoxy)methane	10.61	93	92979	32.35	ng		98
29) 2,4-Dichlorophenol	10.73	162	69397	34.54	ng		95
30) 1,2,4-Trichlorobenzene	10.87	180	68897	30.40	ng		95
31) Naphthalene	11.01	128	234863	30.61	ng		98
32) Benzoic acid	10.76	122	41363m	40.13	ng		
33) 4-Chloroaniline	11.25	127	52595	17.50	ng		98
34) Hexachlorobutadiene	11.37	225	40680	31.38	ng		97
35) Caprolactam	12.06	113	18068	30.29	ng		97
36) 4-Chloro-3-methylphenol	12.54	107	77092	34.58	ng		99
37) 2-Methylnaphthalene	12.67	142	165426	30.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	63629	32.33	ng		98
40) Hexachlorocyclopentadiene	13.05	237	66808	60.51	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.41	196	44895	31.41	ng		97
43) 2,4,5-Trichlorophenol	13.49	196	49819	33.15	ng	#	94
45) 1,1'-Biphenyl	13.81	154	197584	32.44	ng		98
46) 2-Chloronaphthalene	13.79	162	161752	33.05	ng		99
47) 2-Nitroaniline	14.13	65	49617	34.01	ng		95
48) Acenaphthylene	14.73	152	255561	30.81	ng		98
49) Dimethylphthalate	14.68	163	189138	32.85	ng		97
50) 2,6-Dinitrotoluene	14.77	165	38235	31.32	ng		90
51) Acenaphthene	15.17	154	144476	30.84	ng		97
52) 3-Nitroaniline	15.12	138	30085	21.56	ng		93
53) 2,4-Dinitrophenol	15.40	184	29425	68.61	ng		87
54) Dibenzofuran	15.58	168	220213	32.12	ng		99
55) 4-Nitrophenol	15.71	139	62282	69.35	ng		98
56) 2,4-Dinitrotoluene	15.69	165	55396	35.54	ng	#	90
57) Fluorene	16.29	166	186746	32.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	32970	30.33	ng		98
59) Diethylphthalate	16.28	149	193907	32.70	ng		99
60) 4-Chlorophenyl-phenylether	16.37	204	80513	32.77	ng		87
61) 4-Nitroaniline	16.41	138	40692	31.53	ng		88
62) Azobenzene	16.65	77	198979	32.72	ng		97
64) 4,6-Dinitro-2-methylphenol	16.48	198	25080	33.32	ng		95
65) n-Nitrosodiphenylamine	16.61	169	152256	31.59	ng		97
66) 4-Bromophenyl-phenylether	17.20	248	45662	33.17	ng		94
67) Hexachlorobenzene	17.23	284	46173	32.05	ng		93
68) Atrazine	17.56	200	53018	36.32	ng		96
69) Pentachlorophenol	17.58	266	37951	64.22	ng		96
70) Phenanthrene	17.85	178	263929	31.92	ng		99
71) Anthracene	17.93	178	265835	33.10	ng		99
72) Carbazole	18.22	167	256923	32.63	ng		99
73) Di-n-butylphthalate	18.79	149	303577	32.45	ng		99
74) Fluoranthene	19.49	202	275499	32.53	ng		96
76) Benzidine	19.73	184	142398	35.51	ng		98
77) Pyrene	19.77	202	281928	30.56	ng		100
79) Butylbenzylphthalate	20.70	149	137764	32.18	ng		95
80) Benzo(a)anthracene	21.29	228	255145	31.24	ng		98
81) 3,3'-Dichlorobenzidine	21.31	252	53074	20.35	ng	#	98
82) Chrysene	21.34	228	246041	33.29	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	188644	31.80	ng	#	100
84) Di-n-octyl phthalate	22.20	149	315963	31.57	ng		99
85) Indeno(1,2,3-cd)pyrene	24.12	276	249277	34.09	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	266815	33.43	ng		98
88) Benzo(k)fluoranthene	22.59	252	209569m	30.04	ng		
89) Benzo(a)pyrene	22.92	252	234968	34.26	ng		98
90) Dibenzo(a,h)anthracene	24.15	278	198001	31.68	ng		98
91) Benzo(g,h,i)perylene	24.43	276	200934	31.50	ng		97

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

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