Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081308.D
Acq On : 1 Sep 2015 17:27
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF090115

Manual Integrations APPROVED
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9/2/2015 2:10:32 PM

Quant Time: Sep 02 13:27:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56250	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	209787	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	98268	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	195569	20.00	ng		0.00
75) Chrysene-d12	13.50	240	175410	20.00	ng		0.00
86) Perylene-d12	14.80	264	114893	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	269853	74.43	ng		0.00
7) Phenol-d6	6.06	99	377626	78.69	ng		0.00
23) Nitrobenzene-d5	6.97	82	336309	77.34	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	70435	80.50	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	596190	77.75	ng		0.00
78) Terphenyl-d14	12.47	244	470734	62.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	60118	36.92	ng		97
3) Pyridine	2.27	79	178621	39.78	ng		94
4) n-Nitrosodimethylamine	2.24	42	96590	38.72	ng	#	78
6) Aniline	6.04	93	247830	36.57	ng	#	73
8) 2-Chlorophenol	6.17	128	154141	38.58	ng		83
9) Benzaldehyde	5.92	77	115084	38.27	ng	#	69
10) Phenol	6.07	94	235634	42.34	ng	#	61
11) bis(2-Chloroethyl)ether	6.14	93	149108	37.14	ng		86
12) 1,3-Dichlorobenzene	6.33	146	159337	37.33	ng	#	96
13) 1,4-Dichlorobenzene	6.41	146	161818	37.23	ng	#	94
14) 1,2-Dichlorobenzene	6.56	146	146760m	37.50	ng		
15) Benzyl Alcohol	6.56	79	153666	39.03	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	6.70	45	277805	36.10	ng		90
17) 2-Methylphenol	6.68	107	126093	39.56	ng	#	79
18) Hexachloroethane	6.90	117	63527	37.57	ng	#	87
19) n-Nitroso-di-n-propylamine	6.83	70	120676	36.95	ng	#	84
20) 3+4-Methylphenols	6.84	107	161512	37.58	ng		89
22) Acetophenone	6.82	105	227173	39.65	ng	#	80
24) Nitrobenzene	6.99	77	172155	38.13	ng	#	79
25) Isophorone	7.23	82	301667	37.30	ng	#	83
26) 2-Nitrophenol	7.30	139	68500	34.81	ng	#	19
27) 2,4-Dimethylphenol	7.37	122	142525	41.93	ng	#	80
28) bis(2-Chloroethoxy)methane	7.46	93	200097	42.83	ng	#	92
29) 2,4-Dichlorophenol	7.55	162	117687	39.93	ng		90
30) 1,2,4-Trichlorobenzene	7.63	180	126354	39.46	ng		99
31) Naphthalene	7.70	128	414764	37.07	ng		98
32) Benzoic acid	7.52	122	100506	41.76	ng	#	57
33) 4-Chloroaniline	7.77	127	191846	42.04	ng	#	91
34) Hexachlorobutadiene	7.83	225	74677	38.32	ng		98
35) Caprolactam	8.15	113	32285	35.71	ng	#	17
36) 4-Chloro-3-methylphenol	8.26	107	124949	37.87	ng	#	68
37) 2-Methylnaphthalene	8.39	142	260749	35.81	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	117526	37.82	ng		97
40) Hexachlorocyclopentadiene	8.55	237	61224	40.14	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	78071	36.40	ng		100
43) 2,4,5-Trichlorophenol	8.72	196	85520m	39.08	ng		
45) 1,1'-Biphenyl	8.86	154	300560	33.25	ng		94
46) 2-Chloronaphthalene	8.88	162	258742	39.63	ng	#	92
47) 2-Nitroaniline	8.98	65	108313	40.71	ng	#	57
48) Acenaphthylene	9.28	152	395705	34.16	ng		97
49) Dimethylphthalate	9.18	163	295684	38.73	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	70201	40.51	ng	#	72
51) Acenaphthene	9.45	154	222882	33.83	ng		90
52) 3-Nitroaniline	9.39	138	75801	38.42	ng	#	47
53) 2,4-Dinitrophenol	9.51	184	28590	39.17	ng	#	76
54) Dibenzofuran	9.62	168	328952	34.19	ng	#	83
55) 4-Nitrophenol	9.58	139	56194	45.34	ng	#	34
56) 2,4-Dinitrotoluene	9.63	165	86804	39.34	ng	#	96
57) Fluorene	9.96	166	302584	41.44	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	58516m	35.03	ng		
59) Diethylphthalate	9.87	149	306093	38.11	ng		100
60) 4-Chlorophenyl-phenylether	9.96	204	121181	35.61	ng	#	77
61) 4-Nitroaniline	10.00	138	71125	35.69	ng	#	22
62) Azobenzene	10.12	77	359527	40.27	ng		87
64) 4,6-Dinitro-2-methylphenol	10.03	198	47008	42.97	ng		99
65) n-Nitrosodiphenylamine	10.09	169	265895	37.36	ng		90
66) 4-Bromophenyl-phenylether	10.44	248	67542	34.16	ng	#	71
67) Hexachlorobenzene	10.50	284	71316	34.49	ng	#	73
68) Atrazine	10.63	200	80752	39.21	ng		83
69) Pentachlorophenol	10.71	266	30487	35.72	ng		97
70) Phenanthrene	10.91	178	433366	39.86	ng		97
71) Anthracene	10.96	178	392136	35.11	ng		97
72) Carbazole	11.12	167	363353	34.66	ng		96
73) Di-n-butylphthalate	11.47	149	446060	36.04	ng	#	98
74) Fluoranthene	12.08	202	421833	35.84	ng		91
76) Benzidine	12.22	184	249924	33.19	ng		96
77) Pyrene	12.31	202	477485	36.75	ng		99
79) Butylbenzylphthalate	12.96	149	195869	34.66	ng		98
80) Benzo(a)anthracene	13.49	228	393828	35.26	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	122434	32.49	ng	#	94
82) Chrysene	13.52	228	292236	29.18	ng		95
83) Bis(2-ethylhexyl)phthalate	13.52	149	250667	33.61	ng	#	89
84) Di-n-octyl phthalate	14.13	149	403276	32.84	ng		99
85) Indeno(1,2,3-cd)pyrene	15.89	276	240642	32.76	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	360979m	44.01	ng		
88) Benzo(k)fluoranthene	14.50	252	238627m	35.06	ng		
89) Benzo(a)pyrene	14.75	252	251931	36.25	ng	#	87
90) Dibenzo(a,h)anthracene	15.91	278	197819	36.83	ng	#	78
91) Benzo(g,h,i)perylene	16.21	276	193015	37.65	ng	#	78

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

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