Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081776.D
Acq On : 24 Sep 2015 21:28
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092415

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:36:48 PM

Quant Time: Sep 25 06:11:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:04:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	134001	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	539359	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	262093	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	495579	20.00	ng		0.00
75) Chrysene-d12	14.12	240	384215	20.00	ng		0.00
86) Perylene-d12	15.58	264	299512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	662838	83.68	ng		0.00
7) Phenol-d6	6.57	99	796210	79.47	ng		0.00
23) Nitrobenzene-d5	7.52	82	683602	83.62	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	194045	85.28	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1211505	75.88	ng		0.00
78) Terphenyl-d14	13.06	244	1234637	73.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	151825	38.72	ng		91
3) Pyridine	3.36	79	476412	43.08	ng		91
4) n-Nitrosodimethylamine	3.31	42	216407	41.46	ng		96
6) Aniline	6.62	93	630668	42.05	ng		92
8) 2-Chlorophenol	6.73	128	378023	43.31	ng		89
9) Benzaldehyde	6.50	77	226424	38.23	ng	#	86
10) Phenol	6.58	94	544372	46.78	ng		70
11) bis(2-Chloroethyl)ether	6.69	93	349187	40.92	ng		94
12) 1,3-Dichlorobenzene	6.89	146	430944	41.73	ng	#	94
13) 1,4-Dichlorobenzene	6.97	146	459218	43.95	ng	#	94
14) 1,2-Dichlorobenzene	7.12	146	387372m	39.84	ng		
15) Benzyl Alcohol	7.09	79	340406	43.08	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.23	45	652334	44.68	ng		88
17) 2-Methylphenol	7.20	107	317775	43.11	ng	#	89
18) Hexachloroethane	7.46	117	143963	42.31	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	309597	46.35	ng	#	80
20) 3+4-Methylphenols	7.35	107	387706	41.86	ng	#	84
22) Acetophenone	7.36	105	428798	36.25	ng	#	74
24) Nitrobenzene	7.54	77	437427	47.96	ng	#	79
25) Isophorone	7.78	82	790843	43.67	ng	#	94
26) 2-Nitrophenol	7.85	139	158455	47.83	ng	#	52
27) 2,4-Dimethylphenol	7.89	122	352445	42.91	ng	#	81
28) bis(2-Chloroethoxy)methane	7.99	93	457131	43.21	ng	#	93
29) 2,4-Dichlorophenol	8.09	162	345458	45.18	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	378138	44.06	ng		99
31) Naphthalene	8.26	128	1087664	43.71	ng		96
32) Benzoic acid	7.97	122	89628	56.05	ng	#	63
33) 4-Chloroaniline	8.31	127	465009	42.58	ng	#	88
34) Hexachlorobutadiene	8.38	225	217162	42.90	ng		97
35) Caprolactam	8.69	113	91520	44.80	ng		93
36) 4-Chloro-3-methylphenol	8.78	107	305108	39.82	ng	#	80
37) 2-Methylnaphthalene	8.95	142	685586	38.67	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	328061	39.22	ng		99
40) Hexachlorocyclopentadiene	9.10	237	179034	49.94	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	247711	44.94	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	233908	43.13	ng	#	93
45) 1,1'-Biphenyl	9.42	154	872070	42.55	ng		95
46) 2-Chloronaphthalene	9.44	162	680662	41.29	ng		93
47) 2-Nitroaniline	9.53	65	187042	42.66	ng	#	69
48) Acenaphthylene	9.85	152	1135469	40.70	ng		95
49) Dimethylphthalate	9.71	163	772000	38.71	ng	#	97
50) 2,6-Dinitrotoluene	9.78	165	189804	49.31	ng	#	92
51) Acenaphthene	10.02	154	657176	40.87	ng		89
52) 3-Nitroaniline	9.94	138	186180	44.59	ng	#	60
53) 2,4-Dinitrophenol	10.05	184	24641	52.47	ng	#	67
54) Dibenzofuran	10.19	168	919792	39.00	ng	#	85
55) 4-Nitrophenol	10.09	139	158690	55.11	ng	#	62
56) 2,4-Dinitrotoluene	10.18	165	235835	51.17	ng	#	83
57) Fluorene	10.54	166	702845	38.83	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	195422	47.21	ng		99
59) Diethylphthalate	10.41	149	803763	41.61	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	368510	44.35	ng		97
61) 4-Nitroaniline	10.56	138	195792	48.27	ng	#	44
62) Azobenzene	10.70	77	879479	44.53	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	59687	51.63	ng		93
65) n-Nitrosodiphenylamine	10.65	169	647751	38.76	ng		90
66) 4-Bromophenyl-phenylether	11.03	248	241365	43.74	ng	#	84
67) Hexachlorobenzene	11.09	284	260493	45.25	ng	#	86
68) Atrazine	11.18	200	213593	42.74	ng		82
69) Pentachlorophenol	11.28	266	127788	42.96	ng		97
70) Phenanthrene	11.51	178	1160093	40.94	ng		97
71) Anthracene	11.55	178	1104125	40.44	ng		95
72) Carbazole	11.70	167	1023125	40.37	ng		94
73) Di-n-butylphthalate	12.04	149	1214142	39.35	ng	#	97
74) Fluoranthene	12.69	202	1118471	39.18	ng		93
76) Benzidine	12.81	184	515998	39.57	ng	#	95
77) Pyrene	12.92	202	1196165	41.29	ng		95
79) Butylbenzylphthalate	13.53	149	515339	44.64	ng	#	73
80) Benzo(a)anthracene	14.10	228	975359	41.87	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	296289	40.04	ng	#	96
82) Chrysene	14.15	228	977655m	43.76	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	651115	46.52	ng	#	93
84) Di-n-octyl phthalate	14.71	149	959746	46.62	ng		95
85) Indeno(1,2,3-cd)pyrene	17.04	276	887324	43.38	ng	#	89
87) Benzo(b)fluoranthene	15.16	252	779552	43.89	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	710128m	41.51	ng		
89) Benzo(a)pyrene	15.52	252	688515	42.94	ng	#	86
90) Dibenzo(a,h)anthracene	17.06	278	722037	43.21	ng	#	83
91) Benzo(g,h,i)perylene	17.50	276	750837	43.58	ng	#	75

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

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