Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081849.D
Acq On : 28 Sep 2015 18:11
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF092815

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:10:40 PM

Quant Time: Sep 28 18:58:28 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	111159	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	431381	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	212884	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	384675	20.00	ng		0.00
75) Chrysene-d12	14.12	240	359806	20.00	ng		0.00
86) Perylene-d12	15.58	264	304670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	471700	77.03	ng		0.00
7) Phenol-d6	6.56	99	592518	76.90	ng		0.00
23) Nitrobenzene-d5	7.50	82	496476	76.72	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	162237	75.25	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1034113	80.44	ng		0.00
78) Terphenyl-d14	13.05	244	879279	76.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	103193	38.75	ng		84
3) Pyridine	3.29	79	265862	38.35	ng		85
4) n-Nitrosodimethylamine	3.25	42	119813	38.05	ng		93
6) Aniline	6.59	93	396108	38.26	ng	#	86
8) 2-Chlorophenol	6.71	128	254279	37.60	ng	#	81
9) Benzaldehyde	6.48	77	191244	37.90	ng	#	82
10) Phenol	6.57	94	343696	39.76	ng		74
11) bis(2-Chloroethyl)ether	6.66	93	247037	36.85	ng		95
12) 1,3-Dichlorobenzene	6.87	146	305948m	38.30	ng		
13) 1,4-Dichlorobenzene	6.95	146	319284m	38.28	ng		
14) 1,2-Dichlorobenzene	7.11	146	276262	37.17	ng		99
15) Benzyl Alcohol	7.07	79	217855	39.17	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	357394	37.72	ng		79
17) 2-Methylphenol	7.19	107	209798	38.27	ng	#	87
18) Hexachloroethane	7.44	117	99567	38.13	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	184656	39.43	ng	#	78
20) 3+4-Methylphenols	7.34	107	268644	38.80	ng	#	68
22) Acetophenone	7.35	105	351026	39.80	ng	#	83
24) Nitrobenzene	7.52	77	290947	41.40	ng	#	71
25) Isophorone	7.76	82	507076	39.53	ng	#	94
26) 2-Nitrophenol	7.84	139	139377	41.32	ng	#	80
27) 2,4-Dimethylphenol	7.87	122	239581	40.38	ng		86
28) bis(2-Chloroethoxy)methane	7.97	93	288038	37.82	ng	#	93
29) 2,4-Dichlorophenol	8.08	162	227775	39.59	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	245536	38.22	ng		97
31) Naphthalene	8.24	128	727503	38.06	ng		97
32) Benzoic acid	7.99	122	129222	38.18	ng	#	68
33) 4-Chloroaniline	8.30	127	328583	39.75	ng	#	93
34) Hexachlorobutadiene	8.35	225	145028	38.18	ng		97
35) Caprolactam	8.66	113	63203	39.68	ng	#	82
36) 4-Chloro-3-methylphenol	8.78	107	222982	39.63	ng		94
37) 2-Methylnaphthalene	8.94	142	517927	39.69	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	241843	37.00	ng		99
40) Hexachlorocyclopentadiene	9.09	237	138721	41.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	172115	38.41	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	178247	38.69	ng	#	94
45) 1,1'-Biphenyl	9.41	154	610047	37.14	ng		94
46) 2-Chloronaphthalene	9.43	162	504307	39.11	ng		97
47) 2-Nitroaniline	9.52	65	144907	38.28	ng	#	67
48) Acenaphthylene	9.84	152	756588	36.66	ng		96
49) Dimethylphthalate	9.70	163	569097	38.73	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	122760	38.48	ng	#	88
51) Acenaphthene	10.01	154	457428	37.32	ng		91
52) 3-Nitroaniline	9.94	138	147933	40.08	ng	#	94
53) 2,4-Dinitrophenol	10.03	184	43932	42.00	ng	#	32
54) Dibenzofuran	10.18	168	643235	37.13	ng	#	87
55) 4-Nitrophenol	10.09	139	107534	40.32	ng	#	59
56) 2,4-Dinitrotoluene	10.17	165	167516	41.19	ng	#	89
57) Fluorene	10.53	166	495767	39.77	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	142124	38.89	ng		95
59) Diethylphthalate	10.40	149	539454	39.30	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	233822	36.87	ng		91
61) 4-Nitroaniline	10.55	138	143436	38.76	ng	#	43
62) Azobenzene	10.67	77	503012	37.55	ng		86
64) 4,6-Dinitro-2-methylphenol	10.57	198	74450	43.61	ng		93
65) n-Nitrosodiphenylamine	10.64	169	461881	39.68	ng		92
66) 4-Bromophenyl-phenylether	11.02	248	154400	39.81	ng	#	83
67) Hexachlorobenzene	11.07	284	178459	40.77	ng	#	81
68) Atrazine	11.17	200	142218	39.38	ng		83
69) Pentachlorophenol	11.27	266	105391	42.26	ng		99
70) Phenanthrene	11.50	178	767206	41.31	ng		97
71) Anthracene	11.54	178	778371	39.81	ng		97
72) Carbazole	11.70	167	725187	40.98	ng		96
73) Di-n-butylphthalate	12.02	149	741875	41.04	ng	#	98
74) Fluoranthene	12.69	202	824234	40.00	ng		86
76) Benzidine	12.81	184	445472	41.09	ng	#	95
77) Pyrene	12.91	202	854727	39.76	ng		96
79) Butylbenzylphthalate	13.53	149	322204	39.84	ng		97
80) Benzo(a)anthracene	14.10	228	741997	38.30	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	271763	41.53	ng	#	94
82) Chrysene	14.14	228	694666	38.14	ng		93
83) Bis(2-ethylhexyl)phthalate	14.09	149	403763	39.80	ng		95
84) Di-n-octyl phthalate	14.70	149	652739	39.53	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	602517	39.75	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	671166	38.58	ng	#	85
88) Benzo(k)fluoranthene	15.18	252	581198m	36.45	ng		
89) Benzo(a)pyrene	15.52	252	578161	38.32	ng	#	86
90) Dibenzo(a,h)anthracene	17.06	278	483951	38.23	ng	#	82
91) Benzo(g,h,i)perylene	17.50	276	496057	38.24	ng	#	73

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

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