Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF082022.D
Acq On : 3 Oct 2015 15:28
Operator : UM/IZ
Sample : G3857-07MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A3-COMPMS

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:29:36 PM

Quant Time: Oct 05 01:43:53 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	6.89	152	83235	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	336552	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	167234	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	352505	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	317975	20.00	ng		-0.03
86) Perylene-d12	15.53	264	246012	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	715095	155.96	ng		-0.03
7) Phenol-d6	6.53	99	956712	165.82	ng		-0.03
23) Nitrobenzene-d5	7.46	82	587392	116.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	265988	157.05	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1143461	125.95	ng		-0.05
78) Terphenyl-d14	13.02	244	1160894	145.18	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	95598	47.94	ng		89
3) Pyridine	3.25	79	254062	48.94	ng		88
4) n-Nitrosodimethylamine	3.21	42	114825	48.70	ng		99
6) Aniline	6.55	93	286036	36.90	ng	#	86
8) 2-Chlorophenol	6.67	128	288270	56.93	ng		99
9) Benzaldehyde	6.43	77	58801	15.56	ng	#	83
10) Phenol	6.54	94	345533	53.39	ng		79
11) bis(2-Chloroethyl)ether	6.63	93	296017	58.98	ng		94
12) 1,3-Dichlorobenzene	6.82	146	299587m	50.09	ng		
13) 1,4-Dichlorobenzene	6.90	146	327994m	52.52	ng		
14) 1,2-Dichlorobenzene	7.06	146	296102	53.21	ng		98
15) Benzyl Alcohol	7.03	79	212383	50.99	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	377567	53.21	ng		82
17) 2-Methylphenol	7.14	107	233641	56.91	ng	#	85
18) Hexachloroethane	7.39	117	103687	53.03	ng		88
19) n-Nitroso-di-n-propylamine	7.30	70	179800	51.27	ng	#	77
20) 3+4-Methylphenols	7.30	107	274767	52.99	ng	#	50
22) Acetophenone	7.30	105	380935	55.36	ng	#	81
24) Nitrobenzene	7.47	77	277823	50.68	ng	#	68
25) Isophorone	7.71	82	537302	53.69	ng	#	91
26) 2-Nitrophenol	7.79	139	157645	59.91	ng	#	83
27) 2,4-Dimethylphenol	7.83	122	259349	56.02	ng	#	81
28) bis(2-Chloroethoxy)methane	7.93	93	318647	53.62	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	263660	58.74	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	272224	54.32	ng		98
31) Naphthalene	8.19	128	752918m	50.49	ng		
32) Benzoic acid	7.92	122	56016	24.48	ng	#	71
33) 4-Chloroaniline	8.25	127	175755	27.26	ng	#	95
34) Hexachlorobutadiene	8.31	225	158445	53.46	ng		97
35) Caprolactam	8.63	113	73332m	59.01	ng		
36) 4-Chloro-3-methylphenol	8.73	107	269554	61.41	ng		85
37) 2-Methylnaphthalene	8.89	142	563567	55.36	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	261808	50.99	ng		99
40) Hexachlorocyclopentadiene	9.04	237	290443	109.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	181085	51.45	ng		100
43) 2,4,5-Trichlorophenol	9.21	196	206735	57.12	ng		96
45) 1,1'-Biphenyl	9.36	154	723311	56.06	ng		94
46) 2-Chloronaphthalene	9.38	162	571551	56.42	ng		96
47) 2-Nitroaniline	9.49	65	171717	57.74	ng		92
48) Acenaphthylene	9.79	152	840917	51.86	ng		96
49) Dimethylphthalate	9.67	163	917561	79.49	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	141243	56.36	ng	#	67
51) Acenaphthene	9.97	154	529988	55.04	ng		88
52) 3-Nitroaniline	9.90	138	113414	39.11	ng	#	75
53) 2,4-Dinitrophenol	10.00	184	87345	74.88	ng	#	56
54) Dibenzofuran	10.15	168	777581	57.14	ng		95
55) 4-Nitrophenol	10.07	139	232098	110.79	ng	#	85
56) 2,4-Dinitrotoluene	10.14	165	193697	60.63	ng	#	94
57) Fluorene	10.49	166	621693	64.82	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	181833m	63.33	ng		
59) Diethylphthalate	10.37	149	612058	56.76	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	287042	57.62	ng		90
61) 4-Nitroaniline	10.53	138	163512	56.24	ng	#	63
62) Azobenzene	10.64	77	625335	59.43	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	86291	52.72	ng		97
65) n-Nitrosodiphenylamine	10.61	169	551566	51.72	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	193378	54.41	ng		98
67) Hexachlorobenzene	11.03	284	185754	46.31	ng	#	82
68) Atrazine	11.13	200	168552	50.93	ng		83
69) Pentachlorophenol	11.23	266	225819	98.80	ng		98
70) Phenanthrene	11.45	178	901065	53.43	ng		96
71) Anthracene	11.51	178	1026990	57.32	ng		98
72) Carbazole	11.66	167	882656	54.43	ng		95
73) Di-n-butylphthalate	11.99	149	946667	57.70	ng	#	97
74) Fluoranthene	12.64	202	958365	50.75	ng		92
76) Benzidine	12.78	184	365956	38.20	ng	#	97
77) Pyrene	12.87	202	985273	51.87	ng		95
79) Butylbenzylphthalate	13.50	149	451915	63.22	ng		94
80) Benzo(a)anthracene	14.07	228	850170	49.65	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	229130	39.62	ng	#	94
82) Chrysene	14.10	228	857148m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.06	149	574032	64.02	ng	#	93
84) Di-n-octyl phthalate	14.68	149	955382	65.47	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	736624	54.99	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	874108m	62.23	ng		
88) Benzo(k)fluoranthene	15.14	252	624374m	48.50	ng		
89) Benzo(a)pyrene	15.48	252	700094	57.46	ng	#	86
90) Dibenzo(a,h)anthracene	17.02	278	612466	59.91	ng	#	79
91) Benzo(g,h,i)perylene	17.44	276	615929	58.80	ng	#	75

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

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