Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082074.D
Acq On : 6 Oct 2015 6:01
Operator : UM/IZ
Sample : G3891-21MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-8(0-24)MSD

Manual Integrations APPROVED
MMDadoda
10/6/2015 2:53:32 PM

Quant Time: Oct 06 08:23:52 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	91757	20.00	ng		0.01
21) Naphthalene-d8	8.18	136	272504	20.00	ng		0.01
38) Acenaphthene-d10	9.94	164	117560	20.00	ng		0.01
63) Phenanthrene-d10	11.43	188	194355	20.00	ng		0.01
75) Chrysene-d12	14.08	240	138457	20.00	ng		0.02
86) Perylene-d12	15.56	264	109742	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	511635	101.22	ng		0.02
7) Phenol-d6	6.54	99	674011	105.97	ng		0.02
23) Nitrobenzene-d5	7.46	82	349489	85.49	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	117754	98.90	ng		0.02
44) 2-Fluorobiphenyl	9.26	172	620125	89.10	ng		0.01
78) Terphenyl-d14	13.02	244	488416	135.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	63714	28.99	ng		88
3) Pyridine	3.29	79	151047	26.39	ng	#	82
4) n-Nitrosodimethylamine	3.23	42	77496	29.81	ng		96
6) Aniline	6.56	93	135695	15.88	ng	#	82
8) 2-Chlorophenol	6.67	128	183587	32.89	ng		86
9) Benzaldehyde	6.43	77	47185	11.33	ng	#	70
10) Phenol	6.55	94	229004	32.10	ng	#	65
11) bis(2-Chloroethyl)ether	6.63	93	192467	34.79	ng		95
12) 1,3-Dichlorobenzene	6.83	146	222491m	33.75	ng		
13) 1,4-Dichlorobenzene	6.91	146	217763	31.63	ng		96
14) 1,2-Dichlorobenzene	7.06	146	206538m	33.67	ng		
15) Benzyl Alcohol	7.04	79	151765	33.06	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	261829	33.47	ng		73
17) 2-Methylphenol	7.15	107	156247	34.53	ng	#	81
18) Hexachloroethane	7.41	117	54104	25.10	ng	#	69
19) n-Nitroso-di-n-propylamine	7.31	70	152413	39.43	ng	#	66
20) 3+4-Methylphenols	7.30	107	178305	31.19	ng	#	48
22) Acetophenone	7.30	105	261477	46.93	ng	#	74
24) Nitrobenzene	7.49	77	174938	39.41	ng	#	84
25) Isophorone	7.71	82	365372	45.09	ng	#	79
26) 2-Nitrophenol	7.79	139	47335	22.22	ng	#	25
27) 2,4-Dimethylphenol	7.84	122	177739	47.42	ng	#	78
28) bis(2-Chloroethoxy)methane	7.93	93	230788	47.96	ng	#	85
29) 2,4-Dichlorophenol	8.05	162	155939	42.90	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	166590	41.05	ng		98
31) Naphthalene	8.21	128	500782	41.47	ng		95
32) Benzoic acid	7.94	122	61223	30.47	ng	#	33
33) 4-Chloroaniline	8.26	127	104361	19.99	ng	#	82
34) Hexachlorobutadiene	8.32	225	111133	46.31	ng		98
35) Caprolactam	8.61	113	99806	99.19	ng	#	11
36) 4-Chloro-3-methylphenol	8.74	107	159500	44.88	ng	#	79
37) 2-Methylnaphthalene	8.90	142	319103	38.72	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	135133	37.44	ng	#	97
40) Hexachlorocyclopentadiene	9.04	237	5911	3.18	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	84712	34.24	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	89198	35.06	ng	#	81
45) 1,1'-Biphenyl	9.36	154	342266	37.74	ng		94
46) 2-Chloronaphthalene	9.39	162	274606	38.56	ng		97
47) 2-Nitroaniline	9.49	65	82464	39.45	ng	#	79
48) Acenaphthylene	9.81	152	410853	36.05	ng	#	94
49) Dimethylphthalate	9.66	163	379147	46.72	ng		96
50) 2,6-Dinitrotoluene	9.73	165	52504	29.80	ng	#	77
51) Acenaphthene	9.98	154	240142	35.48	ng		89
52) 3-Nitroaniline	9.90	138	81977	40.22	ng	#	68
53) 2,4-Dinitrophenol	10.01	184	764	Below Cal		#	1
54) Dibenzofuran	10.15	168	376801	39.39	ng	#	88
55) 4-Nitrophenol	10.07	139	76171	51.72	ng	#	24
56) 2,4-Dinitrotoluene	10.13	165	49927	22.23	ng	#	78
57) Fluorene	10.49	166	292267	42.61	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	62449	30.94	ng	#	97
59) Diethylphthalate	10.37	149	334334	44.11	ng		94
60) 4-Chlorophenyl-phenylether	10.48	204	135204	38.61	ng	#	82
61) 4-Nitroaniline	10.51	138	77807	38.07	ng	#	46
62) Azobenzene	10.64	77	263965	35.68	ng		88
65) n-Nitrosodiphenylamine	10.61	169	283413	48.20	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	87980	44.90	ng	#	91
67) Hexachlorobenzene	11.04	284	83899	37.94	ng	#	91
68) Atrazine	11.13	200	75101	41.16	ng		94
69) Pentachlorophenol	11.23	266	83898	66.58	ng		98
70) Phenanthrene	11.45	178	391402	41.73	ng		95
71) Anthracene	11.51	178	438600	44.40	ng		97
72) Carbazole	11.67	167	365113	40.84	ng		95
73) Di-n-butylphthalate	11.99	149	453743	49.98	ng	#	97
74) Fluoranthene	12.65	202	442562	42.51	ng		86
77) Pyrene	12.88	202	441153	53.33	ng		95
79) Butylbenzylphthalate	13.50	149	168715	54.21	ng		89
80) Benzo(a)anthracene	14.08	228	309284	41.48	ng	#	91
81) 3,3'-Dichlorobenzidine	14.04	252	49022	19.47	ng		97
82) Chrysene	14.12	228	318409	56.11	ng		92
83) Bis(2-ethylhexyl)phthalate	14.06	149	228547	58.54	ng		97
84) Di-n-octyl phthalate	14.68	149	348236	54.81	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	247863	42.50	ng	#	86
87) Benzo(b)fluoranthene	15.13	252	293441m	46.83	ng		
88) Benzo(k)fluoranthene	15.16	252	216569m	37.71	ng		
89) Benzo(a)pyrene	15.49	252	230364	42.39	ng		93
90) Dibenzo(a,h)anthracene	17.02	278	200695	44.01	ng	#	82
91) Benzo(g,h,i)perylene	17.44	276	201992	43.23	ng	#	75

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

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