Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082073.D
Acq On : 6 Oct 2015 5:31
Operator : UM/IZ
Sample : G3891-20MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
10/6/2015 5:54:24 PM

Quant Time: Oct 06 14:02:55 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	96600	20.00	ng		0.01
21) Naphthalene-d8	8.18	136	289716	20.00	ng		0.01
38) Acenaphthene-d10	9.94	164	123217	20.00	ng		0.01
63) Phenanthrene-d10	11.43	188	203664	20.00	ng		0.01
75) Chrysene-d12	14.09	240	150875	20.00	ng		0.03
86) Perylene-d12	15.57	264	118724	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	700836	131.70	ng		0.02
7) Phenol-d6	6.54	99	880668	131.52	ng		0.02
23) Nitrobenzene-d5	7.46	82	464576	106.89	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	178791	143.27	ng		0.02
44) 2-Fluorobiphenyl	9.27	172	888398	136.17	ng		0.02
78) Terphenyl-d14	13.03	244	665197	-20.00	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	85947	37.14	ng		84
3) Pyridine	3.30	79	224576	37.27	ng	#	84
4) n-Nitrosodimethylamine	3.26	42	102281	37.38	ng		98
6) Aniline	6.58	93	119495	13.28	ng	#	86
8) 2-Chlorophenol	6.69	128	230785	39.27	ng		93
9) Benzaldehyde	6.43	77	57970	13.22	ng	#	70
10) Phenol	6.55	94	327727	43.63	ng		70
11) bis(2-Chloroethyl)ether	6.63	93	241177	41.40	ng		95
12) 1,3-Dichlorobenzene	6.83	146	277354	39.96	ng	#	96
13) 1,4-Dichlorobenzene	6.91	146	271598	37.47	ng	#	96
14) 1,2-Dichlorobenzene	7.06	146	241394m	37.38	ng		
15) Benzyl Alcohol	7.04	79	181584	37.57	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	322937	39.22	ng		75
17) 2-Methylphenol	7.15	107	182590	38.32	ng	#	80
18) Hexachloroethane	7.41	117	80099	35.30	ng	#	74
19) n-Nitroso-di-n-propylamine	7.31	70	193197	47.47	ng	#	71
20) 3+4-Methylphenols	7.31	107	225922	37.54	ng	#	62
22) Acetophenone	7.30	105	323639	54.64	ng	#	73
24) Nitrobenzene	7.49	77	255871	54.22	ng	#	76
25) Isophorone	7.73	82	474778	55.12	ng	#	91
26) 2-Nitrophenol	7.79	139	81599	36.02	ng	#	20
27) 2,4-Dimethylphenol	7.84	122	214446	53.81	ng	#	71
28) bis(2-Chloroethoxy)methane	7.93	93	271251	53.03	ng	#	84
29) 2,4-Dichlorophenol	8.05	162	198807	51.45	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	194757	45.14	ng		99
31) Naphthalene	8.21	128	579297	45.13	ng	#	94
32) Benzoic acid	7.95	122	77868	35.01	ng	#	31
33) 4-Chloroaniline	8.26	127	56091	10.10	ng	#	66
34) Hexachlorobutadiene	8.32	225	132771	52.04	ng		99
35) Caprolactam	8.61	113	99452m	92.96	ng		
36) 4-Chloro-3-methylphenol	8.74	107	186872	49.46	ng	#	72
37) 2-Methylnaphthalene	8.90	142	390687	44.58	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	171881	45.44	ng	#	95
40) Hexachlorocyclopentadiene	9.05	237	38743	19.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	108444	41.82	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	110997	41.62	ng	#	64
45) 1,1'-Biphenyl	9.37	154	457134	48.09	ng		94
46) 2-Chloronaphthalene	9.39	162	332253	44.51	ng		92
47) 2-Nitroaniline	9.49	65	103691	47.32	ng	#	69
48) Acenaphthylene	9.81	152	496047	41.52	ng	#	91
49) Dimethylphthalate	9.67	163	542467	63.78	ng	#	98
50) 2,6-Dinitrotoluene	9.74	165	71337	38.63	ng	#	82
51) Acenaphthene	9.98	154	283518	39.97	ng		88
52) 3-Nitroaniline	9.90	138	74702	34.97	ng	#	64
53) 2,4-Dinitrophenol	10.01	184	9969	21.55	ng	#	5
54) Dibenzofuran	10.15	168	425803	42.47	ng	#	82
55) 4-Nitrophenol	10.07	139	108672	70.40	ng	#	27
56) 2,4-Dinitrotoluene	10.14	165	84487	35.89	ng		88
57) Fluorene	10.49	166	330034	46.08	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.27	232	90587	42.82	ng	#	93
59) Diethylphthalate	10.37	149	390137	49.11	ng		95
60) 4-Chlorophenyl-phenylether	10.49	204	170278	46.39	ng		93
61) 4-Nitroaniline	10.51	138	82547	38.54	ng	#	36
62) Azobenzene	10.64	77	331665	42.78	ng		87
65) n-Nitrosodiphenylamine	10.61	169	362232	58.78	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	100431	48.91	ng	#	82
67) Hexachlorobenzene	11.04	284	99582	42.97	ng	#	73
68) Atrazine	11.14	200	102906	53.82	ng		93
69) Pentachlorophenol	11.23	266	105312	79.75	ng		99
70) Phenanthrene	11.46	178	512894	52.61	ng		96
71) Anthracene	11.51	178	506991	48.98	ng		96
72) Carbazole	11.67	167	432971	46.21	ng	#	94
73) Di-n-butylphthalate	11.99	149	523050	55.12	ng	#	97
74) Fluoranthene	12.65	202	498249	45.67	ng		88
77) Pyrene	12.88	202	477878	53.02	ng		95
79) Butylbenzylphthalate	13.50	149	187226	55.20	ng	#	83
80) Benzo(a)anthracene	14.08	228	359647	44.27	ng		92
81) 3,3'-Dichlorobenzidine	14.05	252	20707	7.55	ng	#	88
82) Chrysene	14.12	228	383404m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.06	149	248271	58.36	ng	#	94
84) Di-n-octyl phthalate	14.68	149	389863	56.31	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.02	276	306482	48.22	ng	#	86
87) Benzo(b)fluoranthene	15.13	252	312836m	46.15	ng		
88) Benzo(k)fluoranthene	15.17	252	319251m	51.39	ng		
89) Benzo(a)pyrene	15.50	252	282767	48.09	ng		93
90) Dibenzo(a,h)anthracene	17.03	278	250113	50.70	ng	#	80
91) Benzo(g,h,i)perylene	17.45	276	252429	49.93	ng	#	76

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

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