Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082225.D
Acq On : 12 Oct 2015 17:40
Operator : UM/IZ
Sample : G3990-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW(43)MSD

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:27:40 PM

Quant Time: Oct 13 05:13:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 02:05:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	69741	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	271579	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	138106	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	275530	20.00	ng		0.00
75) Chrysene-d12	14.01	240	259402	20.00	ng		0.00
86) Perylene-d12	15.44	264	202521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	254162	73.55	ng		0.01
7) Phenol-d6	6.47	99	220290	48.99	ng		0.00
23) Nitrobenzene-d5	7.41	82	458296	113.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	215645	166.50	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	865526	103.93	ng		0.00
78) Terphenyl-d14	12.95	244	972584	99.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	32537	18.74	ng		96
3) Pyridine	3.15	79	60978	15.10	ng		98
4) n-Nitrosodimethylamine	3.09	42	33413	19.51	ng		98
6) Aniline	6.49	93	119056	20.53	ng		93
8) 2-Chlorophenol	6.62	128	187586	44.47	ng		92
9) Benzaldehyde	6.38	77	129364	56.33	ng		97
10) Phenol	6.48	94	90880	17.53	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	227256	51.83	ng		95
12) 1,3-Dichlorobenzene	6.77	146	219241m	44.63	ng		
13) 1,4-Dichlorobenzene	6.85	146	222158	43.30	ng		97
14) 1,2-Dichlorobenzene	7.01	146	231944m	47.61	ng		
15) Benzyl Alcohol	6.98	79	110958	35.74	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	320968	52.57	ng		98
17) 2-Methylphenol	7.10	107	121339	36.37	ng		100
18) Hexachloroethane	7.35	117	74894	42.65	ng	#	74
19) n-Nitroso-di-n-propylamine	7.26	70	162934	51.59	ng		95
20) 3+4-Methylphenols	7.25	107	126828	31.91	ng	#	32
22) Acetophenone	7.25	105	288699	53.74	ng		95
24) Nitrobenzene	7.43	77	228020	52.09	ng	#	81
25) Isophorone	7.66	82	421583	51.65	ng		99
26) 2-Nitrophenol	7.74	139	115021	52.62	ng	#	87
27) 2,4-Dimethylphenol	7.78	122	179994	51.11	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	262469	55.27	ng		98
29) 2,4-Dichlorophenol	7.98	162	182956	51.97	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	196604	48.45	ng		97
31) Naphthalene	8.15	128	616609	52.38	ng		99
32) Benzoic acid	7.86	122	36596	15.48	ng		95
33) 4-Chloroaniline	8.19	127	80401	16.44	ng		97
34) Hexachlorobutadiene	8.25	225	111931	44.27	ng		97
35) Caprolactam	8.57	113	8903	8.71	ng	#	76
36) 4-Chloro-3-methylphenol	8.67	107	175680	51.03	ng		99
37) 2-Methylnaphthalene	8.83	142	431439	52.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	219064	53.33	ng		97
40) Hexachlorocyclopentadiene	8.98	237	166958	80.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	141266	51.78	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	161230	54.55	ng	#	93
45) 1,1'-Biphenyl	9.30	154	579976	55.07	ng		97
46) 2-Chloronaphthalene	9.33	162	438832	52.93	ng		96
47) 2-Nitroaniline	9.43	65	134678	59.17	ng	#	86
48) Acenaphthylene	9.74	152	665901	51.56	ng		99
49) Dimethylphthalate	9.61	163	618648	63.61	ng		99
50) 2,6-Dinitrotoluene	9.67	165	108449	52.85	ng	#	67
51) Acenaphthene	9.91	154	404479	52.17	ng		99
52) 3-Nitroaniline	9.84	138	47266	20.39	ng		94
53) 2,4-Dinitrophenol	9.95	184	131135	111.62	ng		92
54) Dibenzofuran	10.09	168	615800	57.85	ng		93
55) 4-Nitrophenol	10.01	139	54808	42.09	ng		99
56) 2,4-Dinitrotoluene	10.08	165	170150	66.34	ng		89
57) Fluorene	10.43	166	484190	55.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	144250	59.73	ng		96
59) Diethylphthalate	10.31	149	544914	60.11	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	238155	59.47	ng	#	87
61) 4-Nitroaniline	10.46	138	111883	49.76	ng		94
62) Azobenzene	10.58	77	529716	59.71	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	84189	54.45	ng	#	56
65) n-Nitrosodiphenylamine	10.55	169	444425	53.87	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	151935	55.10	ng	#	86
67) Hexachlorobenzene	10.97	284	149723	50.21	ng	#	71
68) Atrazine	11.07	200	145664	55.73	ng		98
69) Pentachlorophenol	11.18	266	182368	118.84	ng		100
70) Phenanthrene	11.39	178	802188	59.40	ng		99
71) Anthracene	11.44	178	773245	55.56	ng		99
72) Carbazole	11.60	167	700328	55.16	ng		99
73) Di-n-butylphthalate	11.93	149	903253	57.67	ng		99
74) Fluoranthene	12.58	202	869570	59.95	ng		98
76) Benzidine	12.71	184	55353	7.36	ng		98
77) Pyrene	12.81	202	905270	58.81	ng		99
79) Butylbenzylphthalate	13.43	149	398606	56.74	ng		92
80) Benzo(a)anthracene	14.00	228	746058	55.28	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	98215	19.17	ng	#	96
82) Chrysene	14.04	228	696605m	48.98	ng		
83) Bis(2-ethylhexyl)phthalate	13.98	149	501759	50.06	ng	#	95
84) Di-n-octyl phthalate	14.60	149	790541	45.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	599405	53.03	ng		100
87) Benzo(b)fluoranthene	15.03	252	619310	50.26	ng		99
88) Benzo(k)fluoranthene	15.06	252	662771m	64.00	ng		
89) Benzo(a)pyrene	15.38	252	586035	55.34	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	489614	56.42	ng		99
91) Benzo(g,h,i)perylene	17.28	276	509454	60.43	ng		99

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

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