Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
Data File : BF090937.D
Acq On : 31 Oct 2016 19:22
Operator : UM/SJ
Sample : H5463-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(12-14)MSD

Manual Integrations APPROVED
sohil
11/1/2016 5:19:31 PM

Quant Time: Nov 01 13:31:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	135478m	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	539112	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	293949	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	472775	20.00	ng		0.00
75) Chrysene-d12	13.91	240	411117	20.00	ng		0.00
86) Perylene-d12	15.30	264	287412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1071313	138.26	ng		0.01
7) Phenol-d6	6.40	99	1323865	126.64	ng		0.00
23) Nitrobenzene-d5	7.32	82	1023888	124.33	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	376235	124.55	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1530539	91.43	ng		0.00
78) Terphenyl-d14	12.85	244	1427383	87.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	156448	39.49	ng	#	74
3) Pyridine	3.00	79	439860	40.93	ng	#	71
4) n-Nitrosodimethylamine	2.96	42	167811	55.47	ng	#	65
6) Aniline	6.41	93	319587m	26.76	ng		
8) 2-Chlorophenol	6.53	128	478482	50.06	ng		88
9) Benzaldehyde	6.29	77	51761m	9.59	ng		
10) Phenol	6.41	94	488232m	42.38	ng		
11) bis(2-Chloroethyl)ether	6.49	93	447900	46.99	ng		94
12) 1,3-Dichlorobenzene	6.69	146	455547m	46.59	ng		
13) 1,4-Dichlorobenzene	6.76	146	471515m	45.86	ng		
14) 1,2-Dichlorobenzene	6.92	146	500793	50.81	ng		95
15) Benzyl Alcohol	6.90	79	395822m	57.65	ng		
16) 2,2'-oxybis(1-Chloropropan	7.04	45	639356	67.41	ng		75
17) 2-Methylphenol	7.01	107	383794m	52.78	ng		
18) Hexachloroethane	7.26	117	184239m	49.23	ng		
19) n-Nitroso-di-n-propylamine	7.17	70	365383m	60.45	ng		
20) 3+4-Methylphenols	7.17	107	473602	56.26	ng	#	78
22) Acetophenone	7.16	105	635608	57.31	ng	#	85
24) Nitrobenzene	7.33	77	495436	56.88	ng	#	64
25) Isophorone	7.57	82	953315	57.04	ng	#	85
26) 2-Nitrophenol	7.65	139	243435	52.17	ng	#	62
27) 2,4-Dimethylphenol	7.70	122	388927	51.48	ng	#	81
28) bis(2-Chloroethoxy)methane	7.79	93	509753	53.63	ng	#	93
29) 2,4-Dichlorophenol	7.90	162	348642	49.84	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	387491	47.93	ng		99
31) Naphthalene	8.05	128	1180790	46.85	ng		97
32) Benzoic acid	7.70	122	388927	70.90	ng	#	30
33) 4-Chloroaniline	8.11	127	145972	14.34	ng	#	91
34) Hexachlorobutadiene	8.18	225	224661	47.26	ng		99
35) Caprolactam	8.48	113	103581m	47.70	ng		
36) 4-Chloro-3-methylphenol	8.60	107	383755	50.44	ng	#	80
37) 2-Methylnaphthalene	8.75	142	836095	51.37	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	380170	47.14	ng		99
40) Hexachlorocyclopentadiene	8.90	237	298866	80.56	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	255945	49.16	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	248467m	46.34	ng		
45) 1,1'-Biphenyl	9.22	154	978661	46.22	ng		93
46) 2-Chloronaphthalene	9.24	162	772719	47.98	ng		98
47) 2-Nitroaniline	9.33	65	211110	46.45	ng	#	75
48) Acenaphthylene	9.65	152	1254040	51.42	ng		96
49) Dimethylphthalate	9.53	163	1172288	59.69	ng	#	98
50) 2,6-Dinitrotoluene	9.58	165	226368	52.19	ng		91
51) Acenaphthene	9.82	154	742484	44.21	ng		89
52) 3-Nitroaniline	9.74	138	126243	27.34	ng	#	57
53) 2,4-Dinitrophenol	9.86	184	37602	16.47	ng	#	72
54) Dibenzofuran	10.00	168	1174418	54.18	ng	#	88
55) 4-Nitrophenol	9.93	139	294312	104.52	ng	#	78
56) 2,4-Dinitrotoluene	9.98	165	285613	53.01	ng	#	76
57) Fluorene	10.34	166	945815	53.27	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.12	232	205240	42.86	ng		98
59) Diethylphthalate	10.22	149	958123	49.12	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	400742	46.24	ng	#	83
61) 4-Nitroaniline	10.36	138	216656	47.37	ng	#	47
62) Azobenzene	10.49	77	1086720	56.65	ng		84
64) 4,6-Dinitro-2-methylphenol	10.40	198	85603	27.31	ng	#	73
65) n-Nitrosodiphenylamine	10.45	169	800862	55.30	ng		91
66) 4-Bromophenyl-phenylether	10.82	248	266727	51.52	ng		97
67) Hexachlorobenzene	10.89	284	305830	49.91	ng	#	79
68) Atrazine	10.98	200	216754	48.38	ng		85
69) Pentachlorophenol	11.08	266	244650	74.43	ng		99
70) Phenanthrene	11.30	178	1241940	51.58	ng		97
71) Anthracene	11.34	178	1224330	48.29	ng		96
72) Carbazole	11.50	167	1165843	52.08	ng		94
73) Di-n-butylphthalate	11.84	149	1366488	47.35	ng	#	97
74) Fluoranthene	12.48	202	1195163	45.33	ng		93
76) Benzidine	12.60	184	321889	35.86	ng		98
77) Pyrene	12.48	202	1185842	45.58	ng		96
79) Butylbenzylphthalate	13.33	149	654115	55.41	ng		92
80) Benzo(a)anthracene	13.89	228	1094970	50.19	ng		96
81) 3,3'-Dichlorobenzidine	13.86	252	196449	23.19	ng	#	95
82) Chrysene	13.93	228	887540m	40.22	ng		
83) Bis(2-ethylhexyl)phthalate	13.89	149	809854	52.68	ng	#	93
84) Di-n-octyl phthalate	14.50	149	1264389	48.98	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.64	276	881650	45.08	ng	#	88
87) Benzo(b)fluoranthene	14.91	252	921507m	47.68	ng		
88) Benzo(k)fluoranthene	14.93	252	732146m	47.94	ng		
89) Benzo(a)pyrene	15.24	252	754002	45.41	ng	#	87
90) Dibenzo(a,h)anthracene	16.65	278	754964	53.70	ng	#	83
91) Benzo(g,h,i)perylene	17.04	276	742349	56.07	ng	#	79

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

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