Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090878.D
Acq On : 27 Oct 2016 20:36
Operator : UM/SJ
Sample : H5423-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6COMP(0-16FEET)MS

Manual Integrations APPROVED
sohil
10/28/2016 5:22:12 PM

Quant Time: Oct 28 01:29:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	146310	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	654220	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	315936	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	533540	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	385299	20.00	ng		-0.01
86) Perylene-d12	15.35	264	308325	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1323946	158.21	ng		0.01
7) Phenol-d6	6.42	99	1638809	145.16	ng		0.00
23) Nitrobenzene-d5	7.34	82	1129364	113.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	577402	177.84	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1905598	105.91	ng		-0.01
78) Terphenyl-d14	12.89	244	1867995	122.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	180066	42.09	ng	#	73
3) Pyridine	3.05	79	484480	41.75	ng	#	66
4) n-Nitrosodimethylamine	3.00	42	157407	48.18	ng	#	51
6) Aniline	6.44	93	473327	36.70	ng	#	43
8) 2-Chlorophenol	6.56	128	500261	48.46	ng		88
9) Benzaldehyde	6.32	77	78017	13.38	ng	#	76
10) Phenol	6.44	94	558263	44.87	ng	#	53
11) bis(2-Chloroethyl)ether	6.52	93	518125	50.33	ng	#	81
12) 1,3-Dichlorobenzene	6.72	146	533741	50.55	ng	#	95
13) 1,4-Dichlorobenzene	6.80	146	548667	49.41	ng		96
14) 1,2-Dichlorobenzene	6.94	146	532065m	49.98	ng		
15) Benzyl Alcohol	6.92	79	368119	49.65	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.06	45	499914	48.80	ng		64
17) 2-Methylphenol	7.05	107	418245	53.26	ng	#	85
18) Hexachloroethane	7.29	117	224074	55.45	ng	#	83
19) n-Nitroso-di-n-propylamine	7.20	70	393020	60.21	ng	#	71
20) 3+4-Methylphenols	7.20	107	519295	57.12	ng	#	64
22) Acetophenone	7.20	105	762386	56.64	ng	#	83
24) Nitrobenzene	7.37	77	625853	59.21	ng	#	78
25) Isophorone	7.61	82	1161278	57.26	ng	#	91
26) 2-Nitrophenol	7.68	139	288159	50.89	ng	#	53
27) 2,4-Dimethylphenol	7.73	122	481281	52.50	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	724460	62.81	ng	#	94
29) 2,4-Dichlorophenol	7.93	162	469804	55.34	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	494098	50.37	ng		99
31) Naphthalene	8.09	128	1667901	54.54	ng		97
32) Benzoic acid	7.81	122	55873	8.39	ng	#	72
33) 4-Chloroaniline	8.13	127	256590	20.77	ng	#	84
34) Hexachlorobutadiene	8.20	225	253586	43.96	ng		98
35) Caprolactam	8.51	113	130952m	49.70	ng		
36) 4-Chloro-3-methylphenol	8.64	107	457965	49.61	ng		95
37) 2-Methylnaphthalene	8.77	142	912518	46.20	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	471051	54.35	ng		98
40) Hexachlorocyclopentadiene	8.93	237	487848	122.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	319216	57.05	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	325222	56.43	ng		96
45) 1,1'-Biphenyl	9.24	154	1243003	54.62	ng		92
46) 2-Chloronaphthalene	9.26	162	976843	56.43	ng	#	91
47) 2-Nitroaniline	9.37	65	336458	68.88	ng		85
48) Acenaphthylene	9.68	152	1420890	54.21	ng		96
49) Dimethylphthalate	9.55	163	1399575	66.31	ng	#	97
50) 2,6-Dinitrotoluene	9.61	165	241844	51.88	ng	#	61
51) Acenaphthene	9.85	154	935589	51.83	ng		89
52) 3-Nitroaniline	9.78	138	176737	35.61	ng	#	77
53) 2,4-Dinitrophenol	9.88	184	168555	68.68	ng	#	53
54) Dibenzofuran	10.02	168	1217019	52.24	ng	#	84
55) 4-Nitrophenol	9.95	139	347353	114.77	ng	#	61
56) 2,4-Dinitrotoluene	10.02	165	327778	56.60	ng	#	95
57) Fluorene	10.36	166	930042	48.74	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.14	232	293999	57.13	ng		96
59) Diethylphthalate	10.25	149	1067612	50.92	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	532068	57.12	ng		95
61) 4-Nitroaniline	10.40	138	252364	51.34	ng	#	63
62) Azobenzene	10.52	77	1097882	53.25	ng		90
64) 4,6-Dinitro-2-methylphenol	10.42	198	163262	46.15	ng		90
65) n-Nitrosodiphenylamine	10.48	169	884241	54.10	ng		91
66) 4-Bromophenyl-phenylether	10.85	248	317989	54.43	ng	#	82
67) Hexachlorobenzene	10.91	284	351034	50.77	ng	#	90
68) Atrazine	11.01	200	312473	61.81	ng		86
69) Pentachlorophenol	11.10	266	377397	101.73	ng		97
70) Phenanthrene	11.32	178	1373462	50.55	ng		94
71) Anthracene	11.38	178	1602730	56.02	ng		97
72) Carbazole	11.53	167	1334869	52.83	ng	#	94
73) Di-n-butylphthalate	11.87	149	1704412	52.33	ng	#	98
74) Fluoranthene	12.51	202	1588030	53.37	ng		91
76) Benzidine	12.64	184	492944	58.59	ng		98
77) Pyrene	12.74	202	1604737	65.81	ng	#	95
79) Butylbenzylphthalate	13.37	149	715586	64.68	ng	#	90
80) Benzo(a)anthracene	13.93	228	1116187	54.59	ng		97
81) 3,3'-Dichlorobenzidine	13.89	252	264367	33.30	ng	#	93
82) Chrysene	13.96	228	1117367m	54.02	ng		
83) Bis(2-ethylhexyl)phthalate	13.93	149	887327	61.59	ng		97
84) Di-n-octyl phthalate	14.53	149	1275501	52.72	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.71	276	1130191	61.66	ng	#	91
87) Benzo(b)fluoranthene	14.95	252	982595m	47.39	ng		
88) Benzo(k)fluoranthene	14.97	252	911188m	55.61	ng		
89) Benzo(a)pyrene	15.29	252	916666	51.46	ng	#	86
90) Dibenzo(a,h)anthracene	16.72	278	954841	63.31	ng	#	82
91) Benzo(g,h,i)perylene	17.11	276	930483	65.51	ng	#	83

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

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