Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090292.D
Acq On : 29 Sep 2016 15:48
Operator : UM/SJ
Sample : H4982-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-17MS

Manual Integrations APPROVED
sohil
9/30/2016 4:00:53 PM

Quant Time: Sep 29 16:51:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	140269	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	536757	20.00	ng		-0.01
38) Acenaphthene-d10	9.50	164	263093	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	352181	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	251104	20.00	ng		-0.01
86) Perylene-d12	14.91	264	227499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	835364	97.07	ng		0.00
7) Phenol-d6	6.14	99	1168255	109.93	ng		0.00
23) Nitrobenzene-d5	7.04	82	631571	68.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	210676	93.34	ng		-0.01
44) 2-Fluorobiphenyl	8.83	172	1039251	77.55	ng		-0.02
78) Terphenyl-d14	12.56	244	664420	67.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	117626	25.19	ng		97
3) Pyridine	2.47	79	278304	27.49	ng		99
4) n-Nitrosodimethylamine	2.42	42	114732	37.97	ng		91
6) Aniline	6.12	93	246527	18.61	ng	#	79
8) 2-Chlorophenol	6.25	128	352637	35.61	ng		88
9) Benzaldehyde	6.00	77	180765	39.03	ng		92
10) Phenol	6.15	94	473619	37.70	ng	#	61
11) bis(2-Chloroethyl)ether	6.22	93	387457	39.55	ng		91
12) 1,3-Dichlorobenzene	6.40	146	364258	35.21	ng		99
13) 1,4-Dichlorobenzene	6.48	146	369342	34.97	ng		99
14) 1,2-Dichlorobenzene	6.64	146	313496	33.32	ng		99
15) Benzyl Alcohol	6.63	79	277666	43.81	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.76	45	385790	32.95	ng		85
17) 2-Methylphenol	6.75	107	281941	36.15	ng		95
18) Hexachloroethane	6.97	117	103177	27.39	ng		98
19) n-Nitroso-di-n-propylamine	6.90	70	240797	38.57	ng		96
20) 3+4-Methylphenols	6.91	107	377309	40.30	ng		95
22) Acetophenone	6.89	105	511399	39.51	ng	#	98
24) Nitrobenzene	7.06	77	371944	38.55	ng	#	83
25) Isophorone	7.30	82	662483	34.24	ng		97
26) 2-Nitrophenol	7.38	139	156197	32.88	ng	#	80
27) 2,4-Dimethylphenol	7.44	122	325098	38.52	ng		99
28) bis(2-Chloroethoxy)methane	7.53	93	456257	38.99	ng		99
29) 2,4-Dichlorophenol	7.62	162	264255	35.69	ng		87
30) 1,2,4-Trichlorobenzene	7.70	180	277230	37.49	ng		98
31) Naphthalene	7.77	128	938969	36.74	ng		99
32) Benzoic acid	7.54	122	22767	3.93	ng		93
33) 4-Chloroaniline	7.84	127	158666	14.97	ng		97
34) Hexachlorobutadiene	7.90	225	142450	36.52	ng		98
35) Caprolactam	8.22	113	91160	37.20	ng		99
36) 4-Chloro-3-methylphenol	8.34	107	278452	33.28	ng		99
37) 2-Methylnaphthalene	8.47	142	603727	37.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	252315	41.78	ng		98
40) Hexachlorocyclopentadiene	8.63	237	41467	13.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	160017	37.18	ng		97
43) 2,4,5-Trichlorophenol	8.80	196	173994	39.05	ng	#	88
45) 1,1'-Biphenyl	8.94	154	727144	38.63	ng		97
46) 2-Chloronaphthalene	8.96	162	528832	38.08	ng	#	92
47) 2-Nitroaniline	9.06	65	190529	45.51	ng		99
48) Acenaphthylene	9.36	152	792012	35.12	ng		99
49) Dimethylphthalate	9.26	163	1039628	62.04	ng		100
50) 2,6-Dinitrotoluene	9.31	165	135031	36.15	ng	#	53
51) Acenaphthene	9.53	154	466223	34.83	ng		99
52) 3-Nitroaniline	9.47	138	134806	30.79	ng		82
53) 2,4-Dinitrophenol	9.59	184	9383	7.46	ng		97
54) Dibenzofuran	9.70	168	690556	39.20	ng		93
55) 4-Nitrophenol	9.66	139	164061	54.69	ng	#	80
56) 2,4-Dinitrotoluene	9.71	165	152732	34.58	ng	#	59
57) Fluorene	10.04	166	502620	37.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	126931	38.05	ng	#	93
59) Diethylphthalate	9.94	149	630229	38.94	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	214160	35.38	ng		95
61) 4-Nitroaniline	10.08	138	144167	32.30	ng		90
62) Azobenzene	10.20	77	668162	39.66	ng		97
64) 4,6-Dinitro-2-methylphenol	10.11	198	16208	7.35	ng		73
65) n-Nitrosodiphenylamine	10.17	169	515543	44.52	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	139173	40.16	ng	#	91
67) Hexachlorobenzene	10.59	284	159054	39.38	ng		96
68) Atrazine	10.71	200	143919	45.35	ng		98
69) Pentachlorophenol	10.79	266	140022	61.08	ng		98
70) Phenanthrene	10.99	178	727340	44.16	ng		100
71) Anthracene	11.05	178	754265	43.66	ng		98
72) Carbazole	11.21	167	707532	38.74	ng		99
73) Di-n-butylphthalate	11.56	149	873251	41.12	ng	#	97
74) Fluoranthene	12.17	202	743844	42.07	ng		99
76) Benzidine	12.31	184	240745	28.64	ng		96
77) Pyrene	12.40	202	806359	46.93	ng		99
79) Butylbenzylphthalate	13.04	149	306731	36.49	ng		87
80) Benzo(a)anthracene	13.58	228	593059	43.90	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	150830	27.07	ng		97
82) Chrysene	13.61	228	445679	33.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	417918	38.85	ng	#	99
84) Di-n-octyl phthalate	14.22	149	723040	39.02	ng		100
85) Indeno(1,2,3-cd)pyrene	16.07	276	437462	41.11	ng		95
87) Benzo(b)fluoranthene	14.57	252	534213m	42.41	ng		
88) Benzo(k)fluoranthene	14.59	252	437695m	37.02	ng		
89) Benzo(a)pyrene	14.87	252	475171	40.10	ng		99
90) Dibenzo(a,h)anthracene	16.08	278	353801	38.26	ng		98
91) Benzo(g,h,i)perylene	16.41	276	361379	39.93	ng	#	91

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

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