Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090821.D
Acq On : 25 Oct 2016 21:34
Operator : UM/SJ
Sample : H5394-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTHMSD

Manual Integrations APPROVED
umangi
10/26/2016 4:46:08 PM

Quant Time: Oct 26 01:18:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	195699	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	787585	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	455330	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	748968	20.00	ng		0.01
75) Chrysene-d12	13.97	240	488788	20.00	ng		0.01
86) Perylene-d12	15.38	264	405570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1842365	151.83	ng		0.02
7) Phenol-d6	6.45	99	2189372	133.20	ng		0.01
23) Nitrobenzene-d5	7.37	82	1296244	90.27	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	754902	209.47	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2492575	84.98	ng		0.00
78) Terphenyl-d14	12.92	244	2690774	126.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	263814	37.57	ng	#	77
3) Pyridine	3.13	79	662184	40.25	ng	#	71
4) n-Nitrosodimethylamine	3.09	42	240778	42.77	ng	#	53
6) Aniline	6.48	93	708410	38.01	ng	#	88
8) 2-Chlorophenol	6.59	128	701595	48.16	ng		98
9) Benzaldehyde	6.34	77	117701	13.10	ng	#	71
10) Phenol	6.46	94	905084	48.99	ng	#	55
11) bis(2-Chloroethyl)ether	6.54	93	714342	46.02	ng		89
12) 1,3-Dichlorobenzene	6.74	146	689954	47.15	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	730460	47.07	ng	#	94
14) 1,2-Dichlorobenzene	6.97	146	622326m	40.96	ng		
15) Benzyl Alcohol	6.96	79	484000	43.35	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.08	45	614025	26.41	ng		48
17) 2-Methylphenol	7.07	107	527352	48.05	ng	#	84
18) Hexachloroethane	7.31	117	237662	37.72	ng	#	85
19) n-Nitroso-di-n-propylamine	7.23	70	416159	34.00	ng	#	68
20) 3+4-Methylphenols	7.23	107	638527	49.08	ng	#	86
22) Acetophenone	7.22	105	833273	47.48	ng	#	86
24) Nitrobenzene	7.39	77	610618	39.23	ng	#	74
25) Isophorone	7.63	82	1216922	44.77	ng	#	92
26) 2-Nitrophenol	7.71	139	386046	60.70	ng	#	93
27) 2,4-Dimethylphenol	7.76	122	624061	55.34	ng		85
28) bis(2-Chloroethoxy)methane	7.85	93	787203	52.94	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	549494	59.38	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	602444	55.31	ng		98
31) Naphthalene	8.11	128	1854884	48.15	ng		96
32) Benzoic acid	7.88	122	218163	30.68	ng	#	72
33) 4-Chloroaniline	8.17	127	381258	26.68	ng	#	98
34) Hexachlorobutadiene	8.24	225	347405	56.73	ng		99
35) Caprolactam	8.56	113	170452m	64.49	ng		
36) 4-Chloro-3-methylphenol	8.66	107	587992	54.63	ng		88
37) 2-Methylnaphthalene	8.81	142	1309961	58.18	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	577375	46.96	ng		99
40) Hexachlorocyclopentadiene	8.96	237	620964	107.58	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	410251	53.81	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	464558	60.04	ng	#	93
45) 1,1'-Biphenyl	9.28	154	1559425	43.61	ng		92
46) 2-Chloronaphthalene	9.30	162	1270474	47.80	ng		97
47) 2-Nitroaniline	9.39	65	316232	35.85	ng	#	80
48) Acenaphthylene	9.71	152	1866277	46.02	ng		95
49) Dimethylphthalate	9.58	163	1980500	69.22	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	376956	61.27	ng		92
51) Acenaphthene	9.88	154	1162208	43.17	ng		88
52) 3-Nitroaniline	9.80	138	223661	31.62	ng	#	59
53) 2,4-Dinitrophenol	9.92	184	338723	90.20	ng	#	90
54) Dibenzofuran	10.05	168	1610224	49.38	ng	#	86
55) 4-Nitrophenol	9.98	139	446729	101.12	ng	#	71
56) 2,4-Dinitrotoluene	10.04	165	394684	52.48	ng	#	84
57) Fluorene	10.40	166	1295210	47.92	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.18	232	388709	64.02	ng	#	90
59) Diethylphthalate	10.28	149	1514823	51.05	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	616663	49.93	ng	#	87
61) 4-Nitroaniline	10.43	138	330204	46.10	ng	#	64
62) Azobenzene	10.54	77	1296593	37.31	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	232387	48.56	ng	#	78
65) n-Nitrosodiphenylamine	10.51	169	1140922	47.55	ng		91
66) 4-Bromophenyl-phenylether	10.88	248	417477	57.50	ng		99
67) Hexachlorobenzene	10.94	284	531871	62.08	ng	#	80
68) Atrazine	11.05	200	412323	62.26	ng		86
69) Pentachlorophenol	11.14	266	525147	91.86	ng		99
70) Phenanthrene	11.36	178	1895633m	49.66	ng		
71) Anthracene	11.40	178	2035160	48.07	ng		96
72) Carbazole	11.56	167	1694579	47.87	ng		93
73) Di-n-butylphthalate	11.89	149	2067015	45.02	ng	#	97
74) Fluoranthene	12.55	202	2007849	54.37	ng		86
76) Benzidine	12.67	184	553832	51.03	ng	#	98
77) Pyrene	12.77	202	2005297m	58.74	ng		
79) Butylbenzylphthalate	13.39	149	859186	54.75	ng	#	86
80) Benzo(a)anthracene	13.96	228	1408340	52.65	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	378909	40.88	ng	#	91
82) Chrysene	14.00	228	1494404m	57.24	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1199019	53.41	ng	#	99
84) Di-n-octyl phthalate	14.57	149	1827970	53.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.76	276	1290159	56.65	ng	#	93
87) Benzo(b)fluoranthene	14.98	252	1532810m	61.46	ng		
88) Benzo(k)fluoranthene	15.01	252	1034850m	41.29	ng		
89) Benzo(a)pyrene	15.33	252	1227151	52.45	ng	#	86
90) Dibenzo(a,h)anthracene	16.79	278	1104306	49.16	ng	#	80
91) Benzo(g,h,i)perylene	17.17	276	1048102	48.10	ng	#	80

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

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