Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090185.D
Acq On : 22 Sep 2016 3:25
Operator : UM/SJ
Sample : H4856-17MSD 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-3MSD

Quant Time: Sep 22 04:51:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	155283m	20.00	ng		-0.01
21) Naphthalene-d8	7.80	136	567187m	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	266524	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	371484	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	294862	20.00	ng		-0.01
86) Perylene-d12	14.96	264	213435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	515623	54.12	ng		0.00
7) Phenol-d6	6.17	99	623341	52.98	ng		0.00
23) Nitrobenzene-d5	7.08	82	400818	40.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	119676	52.34	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	647962	47.73	ng		-0.01
78) Terphenyl-d14	12.59	244	479457	41.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	63855	12.35	ng		99
3) Pyridine	2.52	79	173384	15.47	ng		99
4) n-Nitrosodimethylamine	2.46	42	59047	17.65	ng		97
6) Aniline	6.17	93	148392m	10.12	ng		
8) 2-Chlorophenol	6.30	128	198640	18.12	ng		86
9) Benzaldehyde	6.04	77	20304	3.96	ng		98
10) Phenol	6.18	94	244050m	17.55	ng		
11) bis(2-Chloroethyl)ether	6.25	93	207188	19.10	ng		98
12) 1,3-Dichlorobenzene	6.44	146	199627m	17.43	ng		
13) 1,4-Dichlorobenzene	6.52	146	208204m	17.81	ng		
14) 1,2-Dichlorobenzene	6.68	146	188658	18.11	ng		99
15) Benzyl Alcohol	6.67	79	145085m	20.68	ng		
16) 2,2'-oxybis(1-Chloropropan	6.81	45	228955m	17.67	ng		
17) 2-Methylphenol	6.80	107	156342	18.11	ng		99
18) Hexachloroethane	7.03	117	55834	13.39	ng	#	68
19) n-Nitroso-di-n-propylamine	6.95	70	133483m	19.31	ng		
20) 3+4-Methylphenols	6.96	107	199842	19.28	ng		97
22) Acetophenone	6.94	105	239055	17.48	ng	#	94
24) Nitrobenzene	7.10	77	174278	17.09	ng		99
25) Isophorone	7.35	82	371387	18.17	ng		99
26) 2-Nitrophenol	7.42	139	78185	15.57	ng		91
27) 2,4-Dimethylphenol	7.48	122	169140	18.96	ng		96
28) bis(2-Chloroethoxy)methane	7.56	93	226593	18.32	ng		97
29) 2,4-Dichlorophenol	7.67	162	141946	18.14	ng		88
30) 1,2,4-Trichlorobenzene	7.75	180	153770	19.68	ng		97
31) Naphthalene	7.82	128	499993	18.51	ng		99
32) Benzoic acid	7.58	122	41369	6.76	ng		93
33) 4-Chloroaniline	7.88	127	118494	10.58	ng		94
34) Hexachlorobutadiene	7.95	225	77976	18.92	ng		96
35) Caprolactam	8.24	113	41393	15.99	ng		99
36) 4-Chloro-3-methylphenol	8.38	107	151368	17.12	ng		99
37) 2-Methylnaphthalene	8.51	142	346986	20.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	110028	17.99	ng		97
40) Hexachlorocyclopentadiene	8.66	237	12772	4.23	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	88802	20.37	ng		100
43) 2,4,5-Trichlorophenol	8.84	196	89495	19.83	ng		97
45) 1,1'-Biphenyl	8.98	154	336300	17.64	ng		93
46) 2-Chloronaphthalene	8.99	162	291010	20.69	ng		99
47) 2-Nitroaniline	9.10	65	84965	20.03	ng		83
48) Acenaphthylene	9.40	152	466006	20.40	ng		99
49) Dimethylphthalate	9.29	163	467435	27.54	ng		98
50) 2,6-Dinitrotoluene	9.35	165	58958	15.58	ng	#	60
51) Acenaphthene	9.58	154	274146	20.22	ng		98
52) 3-Nitroaniline	9.51	138	71171	16.04	ng		98
53) 2,4-Dinitrophenol	9.62	184	1608	3.88	ng	#	63
54) Dibenzofuran	9.75	168	405010	22.70	ng		100
55) 4-Nitrophenol	9.69	139	76983	25.33	ng		96
56) 2,4-Dinitrotoluene	9.74	165	69109	15.45	ng		95
57) Fluorene	10.09	166	279351	20.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	65885	19.50	ng		96
59) Diethylphthalate	9.98	149	310202	18.92	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	128260	20.91	ng	#	80
61) 4-Nitroaniline	10.11	138	64008	14.16	ng		99
62) Azobenzene	10.24	77	306762	17.98	ng		97
65) n-Nitrosodiphenylamine	10.20	169	244231	19.99	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	77582	21.22	ng	#	93
67) Hexachlorobenzene	10.63	284	78812	18.50	ng	#	89
68) Atrazine	10.74	200	72003	21.51	ng		99
69) Pentachlorophenol	10.83	266	75703	31.31	ng		98
70) Phenanthrene	11.04	178	355035	20.44	ng		98
71) Anthracene	11.08	178	382256	20.98	ng		99
72) Carbazole	11.24	167	356364	18.50	ng		99
73) Di-n-butylphthalate	11.60	149	496975	22.19	ng	#	98
74) Fluoranthene	12.21	202	370417	19.86	ng		98
77) Pyrene	12.43	202	387710	19.22	ng		99
79) Butylbenzylphthalate	13.07	149	279984	28.37	ng	#	78
80) Benzo(a)anthracene	13.61	228	313659	19.77	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	43106	6.59	ng	#	98
82) Chrysene	13.65	228	286479	18.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	270729	21.44	ng	#	98
84) Di-n-octyl phthalate	14.25	149	472793	21.73	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	234237	18.75	ng		98
87) Benzo(b)fluoranthene	14.61	252	238015m	20.14	ng		
88) Benzo(k)fluoranthene	14.63	252	242655m	21.88	ng		
89) Benzo(a)pyrene	14.90	252	211182	19.00	ng	#	96
90) Dibenzo(a,h)anthracene	16.14	278	197658	22.78	ng	#	94
91) Benzo(g,h,i)perylene	16.47	276	196894	23.19	ng		98

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

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