Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091553.D
Acq On : 13 Dec 2016 14:55
Operator : UM/SJ
Sample : H5940-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS08-0-2INMS

Manual Integrations APPROVED
sohil
12/14/2016 6:22:27 PM

Quant Time: Dec 14 00:47:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	306978	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1210328	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	596150	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	933037	20.00	ng		0.00
75) Chrysene-d12	13.96	240	556075	20.00	ng		0.00
86) Perylene-d12	15.38	264	596167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2468172	135.46	ng		0.02
7) Phenol-d6	6.46	99	2891471	127.29	ng		0.01
23) Nitrobenzene-d5	7.38	82	1947365	89.80	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	663982	134.10	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	2756893	79.91	ng		0.00
78) Terphenyl-d14	12.92	244	2064735	84.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	338472	35.20	ng		89
3) Pyridine	3.16	79	873988	34.11	ng	#	80
4) n-Nitrosodimethylamine	3.12	42	445508	40.47	ng	#	61
6) Aniline	6.48	93	395578	13.28	ng	#	1
8) 2-Chlorophenol	6.60	128	830481	40.38	ng		92
9) Benzaldehyde	6.35	77	174478	11.16	ng		98
10) Phenol	6.48	94	1211509	45.62	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	888896	44.55	ng		86
12) 1,3-Dichlorobenzene	6.75	146	881373m	39.52	ng		
13) 1,4-Dichlorobenzene	6.83	146	877975	39.91	ng		96
14) 1,2-Dichlorobenzene	6.99	146	835487	42.15	ng		93
15) Benzyl Alcohol	6.96	79	740962	41.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1309126	42.34	ng		82
17) 2-Methylphenol	7.08	107	717899	42.19	ng	#	77
18) Hexachloroethane	7.33	117	348045	40.54	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	633404	44.59	ng	#	72
20) 3+4-Methylphenols	7.23	107	833058	45.35	ng	#	51
22) Acetophenone	7.23	105	1213394	41.84	ng	#	97
24) Nitrobenzene	7.40	77	1001769	43.72	ng	#	84
25) Isophorone	7.64	82	1700053	44.10	ng		100
26) 2-Nitrophenol	7.72	139	478393	47.31	ng	#	66
27) 2,4-Dimethylphenol	7.77	122	801132	45.11	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	1110844	49.13	ng		99
29) 2,4-Dichlorophenol	7.96	162	674957	43.68	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	723609	41.20	ng		99
31) Naphthalene	8.12	128	2268743	40.29	ng		99
32) Benzoic acid	7.84	122	54652	8.75	ng		93
33) 4-Chloroaniline	8.17	127	150115	6.19	ng		99
34) Hexachlorobutadiene	8.25	225	414378	41.16	ng		99
35) Caprolactam	8.53	113	206170m	45.69	ng		
36) 4-Chloro-3-methylphenol	8.67	107	773843	44.65	ng		89
37) 2-Methylnaphthalene	8.82	142	1566237	42.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	602163	36.83	ng		98
40) Hexachlorocyclopentadiene	8.97	237	563330	77.28	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	445920	42.44	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	453042	41.96	ng	#	88
45) 1,1'-Biphenyl	9.28	154	1731397	40.10	ng		98
46) 2-Chloronaphthalene	9.30	162	1314110	39.30	ng		98
47) 2-Nitroaniline	9.40	65	483035	42.96	ng		82
48) Acenaphthylene	9.71	152	2084354	40.89	ng		98
49) Dimethylphthalate	9.58	163	2432808	64.45	ng		98
50) 2,6-Dinitrotoluene	9.64	165	369832	44.64	ng	#	88
51) Acenaphthene	9.88	154	1355177	38.28	ng		97
52) 3-Nitroaniline	9.80	138	174308	17.91	ng		91
53) 2,4-Dinitrophenol	9.92	184	164398	43.00	ng	#	67
54) Dibenzofuran	10.05	168	1840993	42.03	ng		98
55) 4-Nitrophenol	9.98	139	648669	89.58	ng	#	74
56) 2,4-Dinitrotoluene	10.04	165	485457	46.75	ng	#	72
57) Fluorene	10.40	166	1248608	39.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	375561	44.43	ng		93
59) Diethylphthalate	10.28	149	1544927	42.50	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	647917	41.14	ng	#	89
61) 4-Nitroaniline	10.42	138	333411	34.47	ng		93
62) Azobenzene	10.56	77	1792504	43.52	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	197852	35.72	ng		89
65) n-Nitrosodiphenylamine	10.51	169	1184028	42.57	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	423584	44.28	ng	#	77
67) Hexachlorobenzene	10.94	284	401195	40.33	ng	#	77
68) Atrazine	11.05	200	399061	44.62	ng		92
69) Pentachlorophenol	11.14	266	418976	74.85	ng		96
70) Phenanthrene	11.36	178	1886623	40.83	ng		99
71) Anthracene	11.41	178	2048701	41.11	ng		99
72) Carbazole	11.56	167	1664969	38.11	ng		99
73) Di-n-butylphthalate	11.90	149	2273659	44.67	ng		99
74) Fluoranthene	12.54	202	2096808	43.34	ng		99
76) Benzidine	12.66	184	248778	14.47	ng		100
77) Pyrene	12.77	202	1959616	44.42	ng		100
79) Butylbenzylphthalate	13.39	149	806610	46.90	ng		90
80) Benzo(a)anthracene	13.95	228	1392056	43.11	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	250305	21.58	ng	#	97
82) Chrysene	13.99	228	1315808	38.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1022066	46.32	ng	#	93
84) Di-n-octyl phthalate	14.57	149	1797332	47.99	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1614520	53.10	ng		99
87) Benzo(b)fluoranthene	14.98	252	1558123m	43.84	ng		
88) Benzo(k)fluoranthene	15.00	252	1167506m	37.36	ng		
89) Benzo(a)pyrene	15.32	252	1344393	41.99	ng	#	96
90) Dibenzo(a,h)anthracene	16.76	278	1295380	45.17	ng		99
91) Benzo(g,h,i)perylene	17.16	276	1405801	48.16	ng	#	95

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

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