Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090412.D
Acq On : 6 Oct 2016 6:12
Operator : UM/SJ
Sample : H5085-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHA-STA-1698-D(0-2)MSD

Manual Integrations APPROVED
SOHIL
10/6/2016 5:26:42 PM

Quant Time: Oct 06 06:57:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	238764	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1046674	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	516046	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	836527	20.00	ng		0.00
75) Chrysene-d12	14.19	240	598522	20.00	ng		-0.01
86) Perylene-d12	15.70	264	221983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1992039	124.52	ng		0.02
7) Phenol-d6	6.63	99	2472570	118.01	ng		0.01
23) Nitrobenzene-d5	7.57	82	1901312	88.36	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	792214	188.80	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3023833	97.63	ng		0.00
78) Terphenyl-d14	13.14	244	2943048	110.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	288419m	36.57	ng		
3) Pyridine	3.62	79	470025m	21.37	ng		
4) n-Nitrosodimethylamine	3.56	42	365997	40.34	ng	#	61
6) Aniline	6.67	93	222503	7.69	ng		95
8) 2-Chlorophenol	6.79	128	794482	45.13	ng		91
9) Benzaldehyde	6.55	77	296231	27.97	ng		95
10) Phenol	6.65	94	1102395	45.25	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	789861	42.35	ng		92
12) 1,3-Dichlorobenzene	6.94	146	716692	40.84	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	800407	44.90	ng		97
14) 1,2-Dichlorobenzene	7.17	146	684380	39.85	ng		94
15) Benzyl Alcohol	7.14	79	551019	34.59	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1347700	42.60	ng		90
17) 2-Methylphenol	7.25	107	642338	44.36	ng		99
18) Hexachloroethane	7.53	117	300440	42.75	ng	#	88
19) n-Nitroso-di-n-propylamine	7.42	70	728395	47.41	ng	#	81
20) 3+4-Methylphenols	7.41	107	872460	46.55	ng	#	70
22) Acetophenone	7.41	105	1092240	44.06	ng	#	98
24) Nitrobenzene	7.58	77	872632	40.85	ng		97
25) Isophorone	7.82	82	1769415	44.98	ng		96
26) 2-Nitrophenol	7.90	139	403913	43.93	ng	#	80
27) 2,4-Dimethylphenol	7.94	122	739443	41.35	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	997365	42.87	ng		98
29) 2,4-Dichlorophenol	8.14	162	578634	42.56	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	654720	46.73	ng		98
31) Naphthalene	8.31	128	2282577	45.20	ng		99
32) Benzoic acid	8.05	122	526821	42.38	ng		93
34) Hexachlorobutadiene	8.43	225	332141	42.43	ng		99
35) Caprolactam	8.73	113	187800m	41.09	ng		
36) 4-Chloro-3-methylphenol	8.84	107	718384	42.20	ng		97
37) 2-Methylnaphthalene	9.01	142	1549459	50.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	600540	44.14	ng	#	98
40) Hexachlorocyclopentadiene	9.16	237	757394	101.56	ng		99
42) 2,4,6-Trichlorophenol	9.29	196	458937m	48.88	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.33	196	472168m	53.19	ng		
45) 1,1'-Biphenyl	9.47	154	1674813	43.80	ng		93
46) 2-Chloronaphthalene	9.50	162	1445150	51.15	ng		94
47) 2-Nitroaniline	9.59	65	528635	47.42	ng	#	81
48) Acenaphthylene	9.91	152	1973308	42.33	ng		99
49) Dimethylphthalate	9.78	163	1734271	52.48	ng		99
50) 2,6-Dinitrotoluene	9.83	165	396149	53.99	ng	#	86
51) Acenaphthene	10.09	154	1507341	51.86	ng		98
52) 3-Nitroaniline	9.99	138	77749	9.07	ng		89
53) 2,4-Dinitrophenol	10.11	184	463068	141.55	ng	#	88
54) Dibenzofuran	10.26	168	1932547	51.37	ng		92
55) 4-Nitrophenol	10.17	139	721331	96.18	ng	#	72
56) 2,4-Dinitrotoluene	10.23	165	470722	48.20	ng	#	25
57) Fluorene	10.60	166	1597306	50.52	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	364200m	54.93	ng		
59) Diethylphthalate	10.47	149	1627130	47.58	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	801280	55.74	ng	#	87
61) 4-Nitroaniline	10.61	138	199759	23.13	ng		93
62) Azobenzene	10.76	77	2010960	50.92	ng		86
64) 4,6-Dinitro-2-methylphenol	10.65	198	276098	48.79	ng	#	66
65) n-Nitrosodiphenylamine	10.71	169	644093	22.98	ng		99
66) 4-Bromophenyl-phenylether	11.09	248	464929	56.70	ng	#	86
67) Hexachlorobenzene	11.16	284	491825	53.86	ng	#	87
68) Atrazine	11.23	200	14844	2.15	ng		92
69) Pentachlorophenol	11.34	266	593000	109.09	ng		99
70) Phenanthrene	11.57	178	2277925	53.18	ng		99
71) Anthracene	11.62	178	2199267	50.28	ng		99
72) Carbazole	11.77	167	705682	17.36	ng		97
73) Di-n-butylphthalate	12.11	149	2765219	55.91	ng		98
74) Fluoranthene	12.76	202	2039003	48.53	ng		99
77) Pyrene	12.99	202	1908590	47.82	ng		99
79) Butylbenzylphthalate	13.61	149	1024564	50.03	ng	#	72
80) Benzo(a)anthracene	14.18	228	1862304	55.46	ng		99
82) Chrysene	14.22	228	1783840	57.72	ng		100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1587561	54.54	ng	#	96
84) Di-n-octyl phthalate	14.80	149	2441091	56.57	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1136012	51.55	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	1600904	113.22	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	1071041m	80.64	ng		
89) Benzo(a)pyrene	15.63	252	1102213	90.44	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	1063457	102.56	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	889649	89.41	ng		95

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

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