Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
Data File : BF091246.D
Acq On : 18 Nov 2016 21:19
Operator : UM/SJ
Sample : H5700-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02MSD

Manual Integrations APPROVED
sohil
11/21/2016 3:39:41 PM

Quant Time: Nov 18 23:18:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 22:22:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	161497m	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	755204	20.00	ng		-0.01
38) Acenaphthene-d10	9.65	164	364070	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	593014	20.00	ng		0.00
75) Chrysene-d12	13.76	240	397432	20.00	ng		-0.01
86) Perylene-d12	15.13	264	370939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1262635	129.12	ng		0.02
7) Phenol-d6	6.28	99	1511591	113.89	ng		0.01
23) Nitrobenzene-d5	7.18	82	916716	66.22	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	439742	133.60	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1802625	85.24	ng		0.00
78) Terphenyl-d14	12.72	244	1746931	109.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	195360	34.93	ng		96
3) Pyridine	2.76	79	500204	38.23	ng		96
4) n-Nitrosodimethylamine	2.73	42	220473	42.59	ng		86
6) Aniline	6.28	93	413871m	26.44	ng		
8) 2-Chlorophenol	6.40	128	469465	40.25	ng		90
9) Benzaldehyde	6.17	77	32105m	4.36	ng		
10) Phenol	6.29	94	707045m	48.13	ng		
11) bis(2-Chloroethyl)ether	6.36	93	474727	38.35	ng	#	82
12) 1,3-Dichlorobenzene	6.54	146	492136m	41.72	ng		
13) 1,4-Dichlorobenzene	6.62	146	513556m	40.57	ng		
14) 1,2-Dichlorobenzene	6.78	146	466296	40.14	ng	#	94
15) Benzyl Alcohol	6.77	79	358394	38.28	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.90	45	445659	25.14	ng	#	1
17) 2-Methylphenol	6.90	107	381749	41.34	ng		98
18) Hexachloroethane	7.12	117	174712	35.67	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	341396m	37.12	ng		
20) 3+4-Methylphenols	7.06	107	499607	45.06	ng		94
22) Acetophenone	7.04	105	645101	37.10	ng	#	91
24) Nitrobenzene	7.21	77	500872	32.76	ng		93
25) Isophorone	7.45	82	1111430	41.66	ng		100
26) 2-Nitrophenol	7.53	139	300797	46.49	ng	#	67
27) 2,4-Dimethylphenol	7.57	122	481819	45.03	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	697655	47.87	ng		100
29) 2,4-Dichlorophenol	7.78	162	434811	46.56	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	480909	45.80	ng		97
31) Naphthalene	7.92	128	1505735	41.69	ng		99
32) Benzoic acid	7.70	122	26346	7.90	ng		93
33) 4-Chloroaniline	7.98	127	366257	24.38	ng		96
34) Hexachlorobutadiene	8.04	225	266908	47.09	ng		97
35) Caprolactam	8.37	113	144989m	49.42	ng		
36) 4-Chloro-3-methylphenol	8.49	107	448713	39.69	ng		91
37) 2-Methylnaphthalene	8.61	142	979605	42.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	477577	51.45	ng		99
40) Hexachlorocyclopentadiene	8.76	237	252116	70.88	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	277740	46.35	ng		96
43) 2,4,5-Trichlorophenol	8.96	196	328596	52.23	ng		97
45) 1,1'-Biphenyl	9.08	154	1120009	42.13	ng		97
46) 2-Chloronaphthalene	9.10	162	881964	43.70	ng		94
47) 2-Nitroaniline	9.21	65	237314	31.68	ng		95
48) Acenaphthylene	9.52	152	1281528	40.74	ng		99
49) Dimethylphthalate	9.39	163	1072257	44.91	ng		99
50) 2,6-Dinitrotoluene	9.46	165	240937	47.09	ng	#	48
51) Acenaphthene	9.69	154	796868	40.35	ng		100
52) 3-Nitroaniline	9.62	138	158625	26.15	ng		97
53) 2,4-Dinitrophenol	9.74	184	78375	32.18	ng		87
54) Dibenzofuran	9.86	168	1156710	43.52	ng		92
55) 4-Nitrophenol	9.81	139	235926	59.94	ng	#	82
56) 2,4-Dinitrotoluene	9.86	165	264950	40.70	ng	#	86
57) Fluorene	10.20	166	917940	42.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	261389	53.03	ng	#	87
59) Diethylphthalate	10.09	149	909167	37.15	ng		100
60) 4-Chlorophenyl-phenylether	10.19	204	413752	41.84	ng	#	86
61) 4-Nitroaniline	10.25	138	191940	31.27	ng		82
62) Azobenzene	10.35	77	911524	31.64	ng		92
64) 4,6-Dinitro-2-methylphenol	10.27	198	121206	33.38	ng		73
65) n-Nitrosodiphenylamine	10.32	169	752009	39.90	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	302986	49.12	ng	#	70
67) Hexachlorobenzene	10.74	284	312318	45.91	ng		93
68) Atrazine	10.85	200	255534	46.99	ng		100
69) Pentachlorophenol	10.94	266	280159	92.98	ng		99
70) Phenanthrene	11.15	178	1249809	39.65	ng		99
71) Anthracene	11.21	178	1394570	41.61	ng		100
72) Carbazole	11.37	167	1196456	39.61	ng		98
73) Di-n-butylphthalate	11.70	149	1386609	36.50	ng		99
74) Fluoranthene	12.34	202	1433426	43.84	ng		90
76) Benzidine	12.47	184	493068	55.53	ng		97
77) Pyrene	12.56	202	1312242	50.42	ng		99
79) Butylbenzylphthalate	13.20	149	615341	49.43	ng	#	72
80) Benzo(a)anthracene	13.75	228	1007408	44.64	ng		99
81) 3,3'-Dichlorobenzidine	13.72	252	317458	40.04	ng		99
82) Chrysene	13.79	228	1039221	46.71	ng		99
83) Bis(2-ethylhexyl)phthalate	13.76	149	748183	44.41	ng	#	95
84) Di-n-octyl phthalate	14.36	149	1151514	41.57	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.40	276	1001727	54.26	ng		94
87) Benzo(b)fluoranthene	14.76	252	1169798m	46.50	ng		
88) Benzo(k)fluoranthene	14.79	252	664981m	30.13	ng		
89) Benzo(a)pyrene	15.07	252	896081	40.91	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	842988	44.52	ng		97
91) Benzo(g,h,i)perylene	16.76	276	802630	46.88	ng		95

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

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