Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091437.D
Acq On : 6 Dec 2016 00:08
Operator : UM/SJ
Sample : H5802-04MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MS

Manual Integrations APPROVED
sohil
12/6/2016 3:01:55 PM

Quant Time: Dec 06 01:01:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130672	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	528766	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	278619	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	418245	20.00	ng		0.00
75) Chrysene-d12	14.01	240	289758	20.00	ng		0.01
86) Perylene-d12	15.43	264	276533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	553981	69.26	ng		0.01
7) Phenol-d6	6.48	99	497344	50.51	ng		0.00
23) Nitrobenzene-d5	7.42	82	849059	89.99	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	401000	152.03	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1772248	115.17	ng		0.01
78) Terphenyl-d14	12.96	244	1304327	97.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	60317	16.67	ng	#	83
3) Pyridine	3.22	79	143533	14.02	ng	#	74
4) n-Nitrosodimethylamine	3.16	42	114379	21.29	ng		98
6) Aniline	6.54	93	190153	14.54	ng	#	69
8) 2-Chlorophenol	6.64	128	356789	40.68	ng		98
9) Benzaldehyde	6.39	77	57659	9.11	ng		84
10) Phenol	6.49	94	185264	15.99	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	379957	45.90	ng		95
12) 1,3-Dichlorobenzene	6.79	146	399596	40.96	ng		98
13) 1,4-Dichlorobenzene	6.87	146	438572	45.19	ng		100
14) 1,2-Dichlorobenzene	7.02	146	370191	40.96	ng		98
15) Benzyl Alcohol	7.00	79	267467	33.94	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	763449	42.89	ng		72
17) 2-Methylphenol	7.11	107	236835	34.16	ng	#	75
18) Hexachloroethane	7.36	117	148289	43.04	ng	#	82
19) n-Nitroso-di-n-propylamine	7.28	70	320670	51.69	ng	#	82
20) 3+4-Methylphenols	7.27	107	289196	34.17	ng	#	61
22) Acetophenone	7.26	105	600068	47.88	ng	#	86
24) Nitrobenzene	7.44	77	492892	51.02	ng	#	84
25) Isophorone	7.68	82	842967	50.43	ng		99
26) 2-Nitrophenol	7.75	139	193332	43.92	ng		98
27) 2,4-Dimethylphenol	7.80	122	337377	40.97	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	478678	47.57	ng		100
29) 2,4-Dichlorophenol	8.00	162	365921	50.51	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	403582	49.69	ng		97
31) Naphthalene	8.16	128	1192907	47.47	ng		100
32) Benzoic acid	7.90	122	105084	17.31	ng		97
33) 4-Chloroaniline	8.21	127	94704	8.82	ng	#	92
34) Hexachlorobutadiene	8.29	225	231026	46.26	ng		99
35) Caprolactam	8.62	113	18749	9.00	ng	#	73
36) 4-Chloro-3-methylphenol	8.69	107	332536	42.52	ng		100
37) 2-Methylnaphthalene	8.85	142	782027	45.80	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	418051	53.22	ng		99
40) Hexachlorocyclopentadiene	9.01	237	281663	77.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	282150m	55.27	ng		
43) 2,4,5-Trichlorophenol	9.18	196	258546m	50.54	ng		
45) 1,1'-Biphenyl	9.32	154	940494	46.94	ng		96
46) 2-Chloronaphthalene	9.34	162	709570	47.56	ng		99
47) 2-Nitroaniline	9.44	65	261902	48.87	ng		99
48) Acenaphthylene	9.75	152	1069076	45.52	ng		98
49) Dimethylphthalate	9.62	163	836339	49.57	ng		98
50) 2,6-Dinitrotoluene	9.68	165	194187	51.50	ng		92
51) Acenaphthene	9.93	154	910871	57.50	ng		95
52) 3-Nitroaniline	9.85	138	66052	15.13	ng	#	81
53) 2,4-Dinitrophenol	9.96	184	220244	133.57	ng		91
54) Dibenzofuran	10.10	168	1134193	53.47	ng		91
55) 4-Nitrophenol	10.02	139	118734	37.67	ng	#	79
56) 2,4-Dinitrotoluene	10.08	165	236817	48.42	ng	#	67
57) Fluorene	10.45	166	867868	53.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	220475	50.47	ng	#	97
59) Diethylphthalate	10.32	149	837680	50.30	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	424482	51.97	ng		91
61) 4-Nitroaniline	10.46	138	95688	23.35	ng		87
62) Azobenzene	10.60	77	937179	55.15	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	146339	63.51	ng	#	38
65) n-Nitrosodiphenylamine	10.56	169	728971	57.49	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	285664	63.54	ng	#	82
67) Hexachlorobenzene	10.98	284	272543	56.11	ng	#	76
68) Atrazine	11.11	200	115364	28.09	ng		98
69) Pentachlorophenol	11.19	266	339135	118.59	ng		96
70) Phenanthrene	11.41	178	1135425	52.24	ng		99
71) Anthracene	11.45	178	1114124	51.65	ng		99
72) Carbazole	11.61	167	964328	49.27	ng		98
73) Di-n-butylphthalate	11.94	149	1103585	49.75	ng		99
74) Fluoranthene	12.59	202	944896	45.90	ng		100
77) Pyrene	12.81	202	962294	43.76	ng		99
79) Butylbenzylphthalate	13.44	149	427469	51.91	ng		90
80) Benzo(a)anthracene	14.00	228	817317	48.23	ng		99
82) Chrysene	14.04	228	783603	46.74	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	596497	57.15	ng	#	92
84) Di-n-octyl phthalate	14.61	149	904158	57.25	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	951023	61.94	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	849542m	49.43	ng		
88) Benzo(k)fluoranthene	15.05	252	755618m	52.28	ng		
89) Benzo(a)pyrene	15.39	252	800789	51.88	ng	#	92
90) Dibenzo(a,h)anthracene	16.86	278	782212	54.79	ng	#	92
91) Benzo(g,h,i)perylene	17.27	276	785599	53.37	ng	#	93

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

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