Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091596.D
Acq On : 14 Dec 2016 20:46
Operator : UM/SJ
Sample : H6006-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Manual Integrations APPROVED
sohil
12/15/2016 5:40:23 PM

Quant Time: Dec 15 01:23:47 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	6.80	152	310650	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1226279	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	635134	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	998104	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	540098	20.00	ng		-0.01
86) Perylene-d12	15.37	264	621675	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1983874	107.59	ng		-0.01
7) Phenol-d6	6.44	99	2916889	126.89	ng		-0.01
23) Nitrobenzene-d5	7.37	82	2024793	92.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	535735	101.55	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2521731	68.60	ng		-0.02
78) Terphenyl-d14	12.90	244	2177138	91.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	320296	32.91	ng		87
3) Pyridine	3.10	79	1022667	39.44	ng	#	78
4) n-Nitrosodimethylamine	3.06	42	456622	40.99	ng	#	58
6) Aniline	6.46	93	542864	18.01	ng	#	18
8) 2-Chlorophenol	6.58	128	845919	40.64	ng		84
9) Benzaldehyde	6.34	77	167914	10.61	ng		78
10) Phenol	6.46	94	1463233	54.44	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	843088	41.76	ng		91
12) 1,3-Dichlorobenzene	6.74	146	941253	41.70	ng		97
13) 1,4-Dichlorobenzene	6.81	146	882359	39.64	ng		95
14) 1,2-Dichlorobenzene	6.97	146	858594	42.80	ng		97
15) Benzyl Alcohol	6.94	79	768743	42.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1272416	40.67	ng		80
17) 2-Methylphenol	7.07	107	740805m	43.02	ng		
18) Hexachloroethane	7.31	117	347819	40.03	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	621056	43.21	ng	#	80
20) 3+4-Methylphenols	7.22	107	874828	47.19	ng		93
22) Acetophenone	7.21	105	1207591	41.10	ng	#	96
24) Nitrobenzene	7.38	77	885829	38.16	ng		91
25) Isophorone	7.63	82	1789378	45.81	ng	#	94
26) 2-Nitrophenol	7.70	139	482096	47.06	ng	#	84
27) 2,4-Dimethylphenol	7.74	122	779581	43.32	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	1072015	46.79	ng		99
29) 2,4-Dichlorophenol	7.95	162	715404	45.69	ng		91
30) 1,2,4-Trichlorobenzene	8.02	180	756660	42.52	ng		100
31) Naphthalene	8.10	128	2437601	42.72	ng		99
32) Benzoic acid	7.88	122	2365m	5.06	ng		
33) 4-Chloroaniline	8.16	127	279267	11.36	ng	#	94
34) Hexachlorobutadiene	8.22	225	403578	39.56	ng		97
35) Caprolactam	8.52	113	247673	54.17	ng	#	65
36) 4-Chloro-3-methylphenol	8.65	107	760065	43.29	ng		99
37) 2-Methylnaphthalene	8.80	142	1558325	42.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	696283	39.97	ng		98
40) Hexachlorocyclopentadiene	8.96	237	520270	66.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	478293m	42.73	ng		
43) 2,4,5-Trichlorophenol	9.13	196	504045m	43.82	ng		
45) 1,1'-Biphenyl	9.26	154	2049023	44.54	ng		96
46) 2-Chloronaphthalene	9.29	162	1524241	42.79	ng		97
47) 2-Nitroaniline	9.38	65	461565	38.53	ng		86
48) Acenaphthylene	9.70	152	2142366	39.45	ng		98
49) Dimethylphthalate	9.57	163	2513504	62.50	ng		99
50) 2,6-Dinitrotoluene	9.63	165	423453	47.97	ng	#	69
51) Acenaphthene	9.87	154	1390962	36.88	ng		97
52) 3-Nitroaniline	9.79	138	292363	28.20	ng		95
53) 2,4-Dinitrophenol	9.89	184	48704	15.92	ng		95
54) Dibenzofuran	10.04	168	1912169	40.98	ng		99
55) 4-Nitrophenol	9.96	139	540179	70.02	ng		92
56) 2,4-Dinitrotoluene	10.03	165	561147	50.72	ng	#	83
57) Fluorene	10.38	166	1443102	43.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	358663	39.83	ng		96
59) Diethylphthalate	10.27	149	1702477	43.96	ng	#	94
60) 4-Chlorophenyl-phenylether	10.38	204	658522	39.25	ng		96
61) 4-Nitroaniline	10.41	138	426352	41.38	ng		96
62) Azobenzene	10.53	77	1844312	42.03	ng		89
64) 4,6-Dinitro-2-methylphenol	10.43	198	131006	23.23	ng	#	85
65) n-Nitrosodiphenylamine	10.50	169	1346196	45.24	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	423508	41.39	ng		98
67) Hexachlorobenzene	10.93	284	468487	44.03	ng	#	93
68) Atrazine	11.02	200	440811	46.07	ng		98
69) Pentachlorophenol	11.13	266	371031	61.96	ng		96
70) Phenanthrene	11.34	178	2909304	58.86	ng		98
71) Anthracene	11.39	178	2345905	44.00	ng		99
72) Carbazole	11.55	167	1951570	41.76	ng		100
73) Di-n-butylphthalate	11.89	149	2494566	45.82	ng		99
74) Fluoranthene	12.53	202	3161829	61.09	ng		99
76) Benzidine	12.65	184	787425	47.15	ng		97
77) Pyrene	12.76	202	3015488	70.37	ng		99
79) Butylbenzylphthalate	13.38	149	877174	52.52	ng		90
80) Benzo(a)anthracene	13.94	228	1781511	56.80	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	329966	29.30	ng	#	95
82) Chrysene	13.99	228	1632770	49.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1096968	51.19	ng	#	99
84) Di-n-octyl phthalate	14.56	149	1925850	52.95	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.74	276	1772704	60.03	ng		99
87) Benzo(b)fluoranthene	14.97	252	1950756m	52.64	ng		
88) Benzo(k)fluoranthene	14.99	252	1318379m	40.46	ng		
89) Benzo(a)pyrene	15.31	252	1672637	50.10	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	1366801	45.70	ng		98
91) Benzo(g,h,i)perylene	17.15	276	1527250	50.17	ng	#	96

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

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