Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091107.D
Acq On : 9 Nov 2016 3:43
Operator : UM/SJ
Sample : H5593-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Manual Integrations APPROVED
umangi
11/9/2016 10:57:00 AM

Quant Time: Nov 09 06:13:46 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181039	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	758738	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	362994	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	486834	20.00	ng		0.00
75) Chrysene-d12	13.81	240	367940	20.00	ng		0.00
86) Perylene-d12	15.19	264	340936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1344670	122.67	ng		0.02
7) Phenol-d6	6.33	99	1593136	107.08	ng		0.01
23) Nitrobenzene-d5	7.24	82	1096900	78.86	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	326555	99.51	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	1653756	78.44	ng		0.00
78) Terphenyl-d14	12.76	244	1145038	77.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	180455	28.78	ng	#	96
3) Pyridine	2.84	79	519444	35.41	ng		94
4) n-Nitrosodimethylamine	2.81	42	209633	36.13	ng		95
6) Aniline	6.33	93	238788	13.61	ng	#	44
8) 2-Chlorophenol	6.45	128	511165	39.09	ng		89
9) Benzaldehyde	6.20	77	53652	6.50	ng		94
10) Phenol	6.34	94	764607	46.43	ng	#	59
11) bis(2-Chloroethyl)ether	6.41	93	572215	41.24	ng		93
12) 1,3-Dichlorobenzene	6.60	146	502078	37.97	ng		97
13) 1,4-Dichlorobenzene	6.68	146	523253	36.88	ng		98
14) 1,2-Dichlorobenzene	6.83	146	473265	36.34	ng		97
15) Benzyl Alcohol	6.82	79	388668	37.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	681092	34.28	ng		86
17) 2-Methylphenol	6.94	107	406731	39.29	ng		96
18) Hexachloroethane	7.17	117	196280	35.74	ng		96
19) n-Nitroso-di-n-propylamine	7.09	70	416652	40.41	ng		95
20) 3+4-Methylphenols	7.10	107	523634	42.13	ng		96
22) Acetophenone	7.08	105	691444	39.58	ng	#	95
24) Nitrobenzene	7.25	77	553742	36.05	ng		93
25) Isophorone	7.49	82	981146	36.61	ng		97
26) 2-Nitrophenol	7.57	139	250154	38.48	ng	#	81
27) 2,4-Dimethylphenol	7.63	122	431295	40.12	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	595307	40.66	ng		99
29) 2,4-Dichlorophenol	7.82	162	369530	39.38	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	394190	37.36	ng		97
31) Naphthalene	7.97	128	1404044	38.69	ng		99
32) Benzoic acid	7.73	122	55584	11.00	ng		96
33) 4-Chloroaniline	8.04	127	124822	8.27	ng	#	95
34) Hexachlorobutadiene	8.09	225	210861	37.03	ng		99
35) Caprolactam	8.40	113	114581m	38.87	ng		
36) 4-Chloro-3-methylphenol	8.53	107	440419	38.77	ng		92
37) 2-Methylnaphthalene	8.66	142	840930	36.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	362806	39.20	ng		98
40) Hexachlorocyclopentadiene	8.82	237	99660	32.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	237940	39.83	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	257550	41.06	ng		97
45) 1,1'-Biphenyl	9.13	154	1031105	38.90	ng		100
46) 2-Chloronaphthalene	9.15	162	823446	40.92	ng		99
47) 2-Nitroaniline	9.25	65	285344	38.21	ng		87
48) Acenaphthylene	9.56	152	1183226	37.73	ng		100
49) Dimethylphthalate	9.44	163	1093877	45.96	ng		100
50) 2,6-Dinitrotoluene	9.50	165	194297	38.09	ng	#	53
51) Acenaphthene	9.73	154	705160	35.81	ng		99
52) 3-Nitroaniline	9.66	138	149239	24.67	ng		97
53) 2,4-Dinitrophenol	9.79	184	17387	12.03	ng	#	68
54) Dibenzofuran	9.90	168	1003244	37.85	ng		99
55) 4-Nitrophenol	9.85	139	215556	55.41	ng		90
56) 2,4-Dinitrotoluene	9.90	165	266655	41.09	ng	#	86
57) Fluorene	10.25	166	813997	37.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	185259	37.70	ng		97
59) Diethylphthalate	10.13	149	945909	38.76	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	386062	39.16	ng		98
61) 4-Nitroaniline	10.28	138	175662	28.71	ng		98
62) Azobenzene	10.40	77	1053205	36.66	ng		82
64) 4,6-Dinitro-2-methylphenol	10.32	198	21634	7.26	ng	#	58
65) n-Nitrosodiphenylamine	10.36	169	682999	44.14	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	224026	44.24	ng		90
67) Hexachlorobenzene	10.80	284	251007	44.94	ng		93
68) Atrazine	10.90	200	220375	49.37	ng		98
69) Pentachlorophenol	10.99	266	186036	75.21	ng		98
70) Phenanthrene	11.21	178	1131402	43.72	ng		99
71) Anthracene	11.25	178	1063441	38.65	ng		100
72) Carbazole	11.41	167	900605	36.32	ng		100
73) Di-n-butylphthalate	11.76	149	1358746	43.57	ng		100
74) Fluoranthene	12.38	202	969613	36.12	ng		97
76) Benzidine	12.52	184	163834	19.93	ng		96
77) Pyrene	12.61	202	992965	41.21	ng		99
79) Butylbenzylphthalate	13.24	149	478010	41.47	ng		84
80) Benzo(a)anthracene	13.80	228	839683	40.19	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	203415	27.72	ng	#	99
82) Chrysene	13.84	228	836412	40.60	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	621978	39.88	ng	#	99
84) Di-n-octyl phthalate	14.41	149	1026870	40.04	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	687948	40.25	ng		99
87) Benzo(b)fluoranthene	14.81	252	872588m	37.74	ng		
88) Benzo(k)fluoranthene	14.83	252	725400m	35.76	ng		
89) Benzo(a)pyrene	15.13	252	746700	37.09	ng	#	96
90) Dibenzo(a,h)anthracene	16.49	278	574674	33.02	ng		98
91) Benzo(g,h,i)perylene	16.85	276	527455	33.52	ng		100

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

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