Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092314.D
Acq On : 17 Jan 2017 7:01
Operator : UM/SJ
Sample : I1182-05MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

Quant Time: Jan 17 13:01:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170499	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	868089	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	423216	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	603831	20.00	ng		0.00
75) Chrysene-d12	13.70	240	275730	20.00	ng		-0.01
86) Perylene-d12	15.06	264	345865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1507886	147.67	ng		0.02
7) Phenol-d6	6.24	99	1812927	145.42	ng		0.01
23) Nitrobenzene-d5	7.15	82	1584906	101.52	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	469599	134.08	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2239684	112.62	ng		0.00
78) Terphenyl-d14	12.66	244	1486596	130.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	246998	49.13	ng	#	84
3) Pyridine	2.78	79	378213m	21.56	ng		
4) n-Nitrosodimethylamine	2.70	42	289754	43.78	ng		97
6) Aniline	6.23	93	115077	7.11	ng	#	74
8) 2-Chlorophenol	6.36	128	600944	51.74	ng		97
10) Phenol	6.26	94	697550	49.10	ng	#	67
11) bis(2-Chloroethyl)ether	6.31	93	606493	53.66	ng		99
12) 1,3-Dichlorobenzene	6.51	146	629303	50.75	ng		98
13) 1,4-Dichlorobenzene	6.59	146	619474m	49.08	ng		
14) 1,2-Dichlorobenzene	6.74	146	576975	52.69	ng		99
15) Benzyl Alcohol	6.74	79	472395	48.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	917098	54.48	ng	#	48
17) 2-Methylphenol	6.86	107	493441	52.82	ng	#	89
18) Hexachloroethane	7.07	117	264570	56.54	ng	#	85
19) n-Nitroso-di-n-propylamine	7.00	70	472303	56.95	ng		96
20) 3+4-Methylphenols	7.02	107	754536	67.72	ng	#	71
22) Acetophenone	6.99	105	959371	44.81	ng	#	93
24) Nitrobenzene	7.16	77	748574	45.02	ng		95
25) Isophorone	7.40	82	1404481	48.76	ng		94
26) 2-Nitrophenol	7.48	139	415087	50.62	ng		89
27) 2,4-Dimethylphenol	7.54	122	605025	44.49	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	887829	50.83	ng		98
29) 2,4-Dichlorophenol	7.73	162	611214	53.07	ng		89
30) 1,2,4-Trichlorobenzene	7.80	180	607523	48.14	ng		97
31) Naphthalene	7.88	128	2081482	52.39	ng		99
32) Benzoic acid	7.71	122	408039	40.45	ng		96
33) 4-Chloroaniline	7.95	127	95185	5.31	ng		99
34) Hexachlorobutadiene	7.99	225	323659	48.59	ng		97
35) Caprolactam	8.32	113	157738m	41.68	ng		
36) 4-Chloro-3-methylphenol	8.45	107	636778	48.05	ng		93
37) 2-Methylnaphthalene	8.56	142	1264249	59.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	574392	53.72	ng		99
40) Hexachlorocyclopentadiene	8.71	237	311404	66.12	ng		95
42) 2,4,6-Trichlorophenol	8.86	196	371748	49.71	ng		99

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Quant Time: Jan 17 13:01:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	375224	48.76	ng		98
45) 1,1'-Biphenyl	9.03	154	1654173	57.08	ng		98
46) 2-Chloronaphthalene	9.06	162	1234907	53.81	ng		97
47) 2-Nitroaniline	9.16	65	337850	41.35	ng		99
48) Acenaphthylene	9.46	152	1735617	49.18	ng		99
49) Dimethylphthalate	9.34	163	1354487	50.04	ng		98
50) 2,6-Dinitrotoluene	9.41	165	328585	55.46	ng	#	85
51) Acenaphthene	9.63	154	1078925	45.09	ng		100
52) 3-Nitroaniline	9.57	138	64993	8.86	ng		100
53) 2,4-Dinitrophenol	9.70	184	296922	90.07	ng	#	91
54) Dibenzofuran	9.81	168	1557088	48.19	ng		93
55) 4-Nitrophenol	9.78	139	303059m	60.88	ng		
56) 2,4-Dinitrotoluene	9.81	165	333241	44.81	ng	#	83
57) Fluorene	10.14	166	1102171	46.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	318388	52.31	ng		94
59) Diethylphthalate	10.04	149	1250453	47.57	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	486190	47.23	ng		94
61) 4-Nitroaniline	10.19	138	272023	35.80	ng		87
62) Azobenzene	10.30	77	1493349	51.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	197258	54.02	ng		78
65) n-Nitrosodiphenylamine	10.27	169	1026520	57.29	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	354150	56.38	ng	#	75
67) Hexachlorobenzene	10.69	284	330337	49.20	ng	#	85
68) Atrazine	10.80	200	271009	46.89	ng		95
69) Pentachlorophenol	10.90	266	295567	89.72	ng		99
70) Phenanthrene	11.10	178	1699898	51.92	ng		99
71) Anthracene	11.15	178	1554979	60.81	ng		99
72) Carbazole	11.32	167	1378099	60.17	ng	#	96
73) Di-n-butylphthalate	11.65	149	1814843	59.85	ng		99
74) Fluoranthene	12.28	202	1385225	48.52	ng		98
77) Pyrene	12.51	202	1406545	69.53	ng		99
79) Butylbenzylphthalate	13.14	149	635456	69.06	ng		95
80) Benzo(a)anthracene	13.69	228	965930	62.06	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	83605	14.17	ng	#	97
82) Chrysene	13.73	228	962510	61.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	706542	65.21	ng	#	100
84) Di-n-octyl phthalate	14.31	149	1177439	58.66	ng		98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1461908	108.09	ng		98
87) Benzo(b)fluoranthene	14.69	252	1006005m	46.72	ng		
88) Benzo(k)fluoranthene	14.71	252	1008426m	54.92	ng		
89) Benzo(a)pyrene	15.00	252	985219	51.55	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1188314	75.64	ng		97
91) Benzo(g,h,i)perylene	16.66	276	1280909	78.42	ng		97

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

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