Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096252.D
Acq On : 28 Jun 2017 16:28
Operator : SJ/MA
Sample : I3880-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-1MSD

Manual Integrations APPROVED
mohammad
6/29/2017 5:59:17 PM

Quant Time: Jun 29 16:00:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	171366	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	691997	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	271335	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	418285	20.00	ng		0.00
75) Chrysene-d12	13.93	240	347126	20.00	ng		0.01
86) Perylene-d12	15.35	264	368401	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	845646	71.09	ng		0.02
7) Phenol-d6	6.41	99	1067351	74.11	ng		0.02
23) Nitrobenzene-d5	7.34	82	604147	60.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	203714	95.40	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	970901	65.53	ng		-0.01
78) Terphenyl-d14	12.87	244	741355	53.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	121160	21.36	ng	#	81
3) Pyridine	3.24	79	150505	9.67	ng	#	73
4) n-Nitrosodimethylamine	3.15	42	185442	24.09	ng	#	98
6) Aniline	6.44	93	340172	17.13	ng		99
8) 2-Chlorophenol	6.57	128	313492	26.86	ng		95
9) Benzaldehyde	6.33	77	176920	16.94	ng		99
10) Phenol	6.42	94	439003	27.73	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	334189	25.79	ng		92
12) 1,3-Dichlorobenzene	6.72	146	319218	24.81	ng		96
13) 1,4-Dichlorobenzene	6.80	146	323764	25.07	ng		94
14) 1,2-Dichlorobenzene	6.96	146	304985	25.93	ng		96
15) Benzyl Alcohol	6.92	79	274110	28.20	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	694274	25.37	ng		92
17) 2-Methylphenol	7.03	107	257468	25.44	ng		96
18) Hexachloroethane	7.30	117	111620	23.97	ng	#	78
19) n-Nitroso-di-n-propylamine	7.19	70	223391	25.89	ng	#	87
20) 3+4-Methylphenols	7.19	107	311992	27.03	ng		91
22) Acetophenone	7.19	105	411202	28.59	ng	#	90
24) Nitrobenzene	7.36	77	329295	29.75	ng		95
25) Isophorone	7.60	82	615197	27.10	ng		99
26) 2-Nitrophenol	7.68	139	154171	32.51	ng	#	91
27) 2,4-Dimethylphenol	7.72	122	278162	27.12	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	416019	27.05	ng		98
29) 2,4-Dichlorophenol	7.92	162	238190	27.23	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	226181	26.05	ng		97
31) Naphthalene	8.09	128	882665	26.46	ng		99
32) Benzoic acid	7.77	122	40424	13.34	ng		94
33) 4-Chloroaniline	8.13	127	280052	20.28	ng		99
34) Hexachlorobutadiene	8.21	225	111627	25.91	ng		98
35) Caprolactam	8.47	113	61649	20.39	ng	#	60
36) 4-Chloro-3-methylphenol	8.61	107	254794	26.77	ng		95
37) 2-Methylnaphthalene	8.77	142	575636	26.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	188143	28.65	ng		98
40) Hexachlorocyclopentadiene	8.93	237	102136	34.69	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	146813	29.65	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	147178	28.20	ng		98
45) 1,1'-Biphenyl	9.24	154	627401	30.14	ng		95
46) 2-Chloronaphthalene	9.26	162	486702	28.18	ng		94
47) 2-Nitroaniline	9.35	65	180414	33.08	ng		96
48) Acenaphthylene	9.67	152	754343	26.32	ng		99
49) Dimethylphthalate	9.54	163	773176	39.82	ng		99
50) 2,6-Dinitrotoluene	9.59	165	120445	29.82	ng	#	77
51) Acenaphthene	9.85	154	445330	26.41	ng		99
52) 3-Nitroaniline	9.76	138	132912	25.69	ng		97
53) 2,4-Dinitrophenol	9.86	184	28870	27.34	ng	#	78
54) Dibenzofuran	10.02	168	650756	29.55	ng		98
55) 4-Nitrophenol	9.92	139	214423	51.26	ng	#	68
56) 2,4-Dinitrotoluene	9.99	165	152021	29.86	ng	#	79
57) Fluorene	10.36	166	460684	27.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	107134m	29.38	ng		
59) Diethylphthalate	10.24	149	552076	28.31	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	195712	28.20	ng		94
61) 4-Nitroaniline	10.36	138	117894	26.20	ng		90
62) Azobenzene	10.52	77	573058	29.14	ng		96
64) 4,6-Dinitro-2-methylphenol	10.40	198	32639	20.91	ng		91
65) n-Nitrosodiphenylamine	10.47	169	433375	28.81	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	120988	28.11	ng		94
67) Hexachlorobenzene	10.92	284	132185	29.87	ng		95
68) Atrazine	11.00	200	121239	30.55	ng		96
69) Pentachlorophenol	11.10	266	143557	56.84	ng		99
70) Phenanthrene	11.32	178	668796	29.18	ng		99
71) Anthracene	11.37	178	661116	28.28	ng		99
72) Carbazole	11.52	167	651282	25.24	ng		98
73) Di-n-butylphthalate	11.86	149	849950	31.19	ng		99
74) Fluoranthene	12.50	202	657266	28.29	ng		97
76) Benzidine	12.62	184	63592	4.89	ng	#	96
77) Pyrene	12.73	202	677149	23.74	ng		98
79) Butylbenzylphthalate	13.36	149	346873	26.53	ng	#	83
80) Benzo(a)anthracene	13.92	228	525683	24.84	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	188049	23.34	ng	#	96
82) Chrysene	13.95	228	544147	24.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	443698	31.23	ng		98
84) Di-n-octyl phthalate	14.53	149	875010	29.90	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	556678	30.64	ng		99
87) Benzo(b)fluoranthene	14.94	252	574516	23.74	ng		98
88) Benzo(k)fluoranthene	14.97	252	538371	24.37	ng		97
89) Benzo(a)pyrene	15.29	252	533551	24.96	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	471035	28.14	ng		98
91) Benzo(g,h,i)perylene	17.17	276	441997	25.41	ng		98

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

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