Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
Data File : BF096251.D
Acq On : 28 Jun 2017 16:01
Operator : SJ/MA
Sample : I3880-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-1MS

Manual Integrations APPROVED
mohammad
6/29/2017 5:59:27 PM

Quant Time: Jun 29 02:02:00 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	167746	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	687125	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	265709	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	415863	20.00	ng		0.00
75) Chrysene-d12	13.93	240	365547	20.00	ng		0.01
86) Perylene-d12	15.35	264	375015	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	472460	40.58	ng		0.00
7) Phenol-d6	6.40	99	717963	50.92	ng		0.01
23) Nitrobenzene-d5	7.34	82	394780	39.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	189880	90.80	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	798867	55.06	ng		-0.01
78) Terphenyl-d14	12.88	244	677143	46.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	46915	8.45	ng	#	81
3) Pyridine	3.22	79	122591	8.05	ng	#	76
4) n-Nitrosodimethylamine	3.12	42	91696	12.17	ng	#	90
6) Aniline	6.44	93	261854	13.47	ng		98
8) 2-Chlorophenol	6.56	128	187787	16.44	ng		93
9) Benzaldehyde	6.32	77	79984	6.50	ng		93
10) Phenol	6.42	94	290734	18.76	ng		87
11) bis(2-Chloroethyl)ether	6.51	93	176529	13.92	ng		91
12) 1,3-Dichlorobenzene	6.72	146	152447	12.11	ng		96
13) 1,4-Dichlorobenzene	6.80	146	152019	12.03	ng		96
14) 1,2-Dichlorobenzene	6.95	146	152705	13.26	ng		98
15) Benzyl Alcohol	6.92	79	190933	20.07	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	378322	14.12	ng		91
17) 2-Methylphenol	7.03	107	172424	17.40	ng		96
18) Hexachloroethane	7.30	117	51546	11.31	ng	#	80
19) n-Nitroso-di-n-propylamine	7.19	70	161188	19.08	ng	#	82
20) 3+4-Methylphenols	7.18	107	231927	20.52	ng		92
22) Acetophenone	7.19	105	279314	19.56	ng	#	95
24) Nitrobenzene	7.36	77	209154	19.03	ng		94
25) Isophorone	7.60	82	464440	20.60	ng		99
26) 2-Nitrophenol	7.67	139	102064	23.69	ng	#	83
27) 2,4-Dimethylphenol	7.72	122	214687	21.08	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	297426	19.48	ng		96
29) 2,4-Dichlorophenol	7.92	162	187883	21.63	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	139748	16.21	ng		97
31) Naphthalene	8.09	128	592321	17.89	ng		99
32) Benzoic acid	7.79	122	82761	18.17	ng		94
33) 4-Chloroaniline	8.13	127	248570	18.13	ng		97
34) Hexachlorobutadiene	8.21	225	63975	14.96	ng		97
35) Caprolactam	8.47	113	68234	22.73	ng	#	62
36) 4-Chloro-3-methylphenol	8.60	107	214524	22.70	ng		88
37) 2-Methylnaphthalene	8.77	142	434656	20.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	145904	22.68	ng		98
40) Hexachlorocyclopentadiene	8.93	237	69995	24.28	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	122390	25.24	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	127617	24.97	ng		97
45) 1,1'-Biphenyl	9.24	154	514830	25.25	ng		95
46) 2-Chloronaphthalene	9.26	162	390992	23.12	ng		94
47) 2-Nitroaniline	9.35	65	151610	28.38	ng		91
48) Acenaphthylene	9.67	152	633113	22.56	ng		96
49) Dimethylphthalate	9.53	163	645596	33.95	ng		99
50) 2,6-Dinitrotoluene	9.59	165	100726	25.47	ng	#	80
51) Acenaphthene	9.85	154	381503	23.10	ng		98
52) 3-Nitroaniline	9.76	138	119450	23.58	ng		97
53) 2,4-Dinitrophenol	9.86	184	32069	29.68	ng	#	74
54) Dibenzofuran	10.02	168	553759	25.68	ng		98
55) 4-Nitrophenol	9.92	139	196012	47.86	ng	#	72
56) 2,4-Dinitrotoluene	9.99	165	128503	25.78	ng	#	76
57) Fluorene	10.36	166	399016	23.34	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	95216	26.67	ng		99
59) Diethylphthalate	10.24	149	483393	25.32	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	166108	23.60	ng		94
61) 4-Nitroaniline	10.36	138	106264	24.11	ng		88
62) Azobenzene	10.52	77	488289	25.36	ng		96
64) 4,6-Dinitro-2-methylphenol	10.40	198	27170	18.93	ng		91
65) n-Nitrosodiphenylamine	10.47	169	374480	25.04	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	107997	25.24	ng		94
67) Hexachlorobenzene	10.91	284	113419	25.78	ng	#	87
68) Atrazine	10.99	200	103710	26.28	ng		95
69) Pentachlorophenol	11.10	266	132253	52.67	ng		96
70) Phenanthrene	11.32	178	586207	24.63	ng		98
71) Anthracene	11.37	178	582232	25.05	ng		99
72) Carbazole	11.52	167	593102	23.12	ng		97
73) Di-n-butylphthalate	11.86	149	752810	27.79	ng		99
74) Fluoranthene	12.50	202	575128	24.90	ng		96
76) Benzidine	12.62	184	59713	4.36	ng		94
77) Pyrene	12.73	202	594643	19.79	ng		99
79) Butylbenzylphthalate	13.36	149	314125	22.82	ng	#	83
80) Benzo(a)anthracene	13.92	228	479072	21.50	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	170036	20.04	ng		96
82) Chrysene	13.95	228	489804	21.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	396019	26.47	ng	#	99
84) Di-n-octyl phthalate	14.53	149	794277	25.77	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.74	276	486886	25.45	ng		98
87) Benzo(b)fluoranthene	14.94	252	516653m	20.97	ng		
88) Benzo(k)fluoranthene	14.97	252	491070	21.83	ng		96
89) Benzo(a)pyrene	15.29	252	477577	21.95	ng		97
90) Dibenzo(a,h)anthracene	16.76	278	410037	24.07	ng		97
91) Benzo(g,h,i)perylene	17.17	276	393641	22.23	ng		98

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

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