Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098578.D
Acq On : 15 Sep 2017 19:36
Operator : SJ/JU
Sample : I5229-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UT5400S16MSD

Manual Integrations APPROVED
Sohil
9/18/2017 3:33:48 PM

Quant Time: Sep 16 02:57:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141805	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	594054	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	275302	20.00	ng		-0.02
63) Phenanthrene-d10	11.17	188	538280	20.00	ng		-0.02
75) Chrysene-d12	13.80	240	387198	20.00	ng		-0.01
86) Perylene-d12	15.20	264	306191	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	972695	101.42	ng		-0.01
7) Phenol-d6	6.30	99	1215625	99.83	ng		-0.02
23) Nitrobenzene-d5	7.22	82	740002	69.45	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	234421	127.58	ng		-0.02
44) 2-Fluorobiphenyl	9.01	172	1143628	70.41	ng		-0.02
78) Terphenyl-d14	12.75	244	1161572	64.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	121665	24.578	ng		89
3) Pyridine	3.00	79	247449	18.823	ng		88
4) n-Nitrosodimethylamine	2.95	42	180999	28.083	ng		99
6) Aniline	6.31	93	325969	21.337	ng	#	29
8) 2-Chlorophenol	6.43	128	360922	34.222	ng		97
9) Benzaldehyde	6.19	77	179077	22.496	ng		96
10) Phenol	6.32	94	471768	33.354	ng		83
11) bis(2-Chloroethyl)ether	6.39	93	330970	31.036	ng		95
12) 1,3-Dichlorobenzene	6.58	146	355331	33.474	ng		97
13) 1,4-Dichlorobenzene	6.66	146	362691	33.356	ng		95
14) 1,2-Dichlorobenzene	6.82	146	337774	34.097	ng		97
15) Benzyl Alcohol	6.80	79	310842	38.355	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	511152	29.131	ng		51
17) 2-Methylphenol	6.92	107	300445	34.936	ng	#	87
18) Hexachloroethane	7.15	117	132708	31.870	ng	#	86
19) n-Nitroso-di-n-propylamine	7.07	70	253094	33.042	ng		98
20) 3+4-Methylphenols	7.07	107	398261	36.697	ng	#	67
22) Acetophenone	7.06	105	514662	33.520	ng	#	89
24) Nitrobenzene	7.23	77	382759	31.535	ng		98
25) Isophorone	7.47	82	685100	31.777	ng		98
26) 2-Nitrophenol	7.55	139	194576	39.704	ng	#	83
27) 2,4-Dimethylphenol	7.60	122	313127	33.518	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	434820	33.053	ng		99
29) 2,4-Dichlorophenol	7.80	162	301855	38.850	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	306894	36.311	ng		99
31) Naphthalene	7.95	128	1021759	34.792	ng		99
32) Benzoic acid	7.75	122	129685	25.227	ng		98
33) 4-Chloroaniline	8.01	127	295940	24.795	ng		97
34) Hexachlorobutadiene	8.06	225	156017	35.958	ng		98
35) Caprolactam	8.39	113	102124m	38.117	ng		
36) 4-Chloro-3-methylphenol	8.51	107	346609	35.971	ng		85
37) 2-Methylnaphthalene	8.65	142	676287	38.017	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	288098	33.595	ng		99
40) Hexachlorocyclopentadiene	8.79	237	130434	55.387	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	196177	38.947	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	207548	39.422	ng		90
45) 1,1'-Biphenyl	9.11	154	819990	33.277	ng		98
46) 2-Chloronaphthalene	9.13	162	628680	35.724	ng		94
47) 2-Nitroaniline	9.24	65	233608	34.586	ng		99
48) Acenaphthylene	9.55	152	930927	35.578	ng		99
49) Dimethylphthalate	9.42	163	971412	45.583	ng		99
50) 2,6-Dinitrotoluene	9.48	165	172425	39.389	ng	#	74
51) Acenaphthene	9.72	154	590182	35.483	ng		98
52) 3-Nitroaniline	9.65	138	150546	28.490	ng		96
53) 2,4-Dinitrophenol	9.77	184	149802	73.206	ng	#	68
54) Dibenzofuran	9.89	168	841323	38.396	ng		97
55) 4-Nitrophenol	9.84	139	197650	65.104	ng	#	47
56) 2,4-Dinitrotoluene	9.89	165	222835	41.872	ng	#	66
57) Fluorene	10.23	166	670167	36.951	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	158162	44.701	ng	#	91
59) Diethylphthalate	10.12	149	744009	36.710	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	319277	38.113	ng		91
61) 4-Nitroaniline	10.27	138	194107	36.374	ng		85
62) Azobenzene	10.39	77	719791	32.952	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	118331	37.099	ng	#	75
65) n-Nitrosodiphenylamine	10.34	169	616023	35.245	ng		98
66) 4-Bromophenyl-phenylether	10.71	248	189053	37.006	ng		95
67) Hexachlorobenzene	10.78	284	190027	36.671	ng	#	91
68) Atrazine	10.88	200	201235	37.398	ng		98
69) Pentachlorophenol	10.99	266	147199	65.543	ng		97
70) Phenanthrene	11.19	178	1030856	36.125	ng		98
71) Anthracene	11.24	178	1051228	35.881	ng		98
72) Carbazole	11.40	167	953949	34.938	ng		99
73) Di-n-butylphthalate	11.73	149	1152073	35.216	ng		99
74) Fluoranthene	12.38	202	1059921	37.104	ng		96
76) Benzidine	12.50	184	145395	8.485	ng	#	91
77) Pyrene	12.60	202	1096912	35.912	ng		99
79) Butylbenzylphthalate	13.23	149	481725	36.354	ng	#	85
80) Benzo(a)anthracene	13.79	228	811488	35.747	ng		98
81) 3,3'-Dichlorobenzidine	13.76	252	213956	24.252	ng	#	96
82) Chrysene	13.83	228	788844	34.377	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	638984	38.422	ng	#	99
84) Di-n-octyl phthalate	14.39	149	1032396	36.182	ng		100
85) Indeno(1,2,3-cd)pyrene	16.55	276	594893	36.952	ng		95
87) Benzo(b)fluoranthene	14.81	252	666364	34.612	ng		98
88) Benzo(k)fluoranthene	14.84	252	666512	37.083	ng	#	93
89) Benzo(a)pyrene	15.15	252	617255	35.988	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	502356	40.263	ng		99
91) Benzo(g,h,i)perylene	16.95	276	493194	39.300	ng		94

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

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