Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101098.D
Acq On : 4 Dec 2017 15:22
Operator : SJ/JU
Sample : I6699-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3874MSD

Manual Integrations APPROVED
Sohil
12/5/2017 3:24:24 PM

Quant Time: Dec 04 16:17:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54847	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	212205	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96340	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	158385	20.00	ng		0.00
75) Chrysene-d12	14.03	240	117301	20.00	ng		0.00
86) Perylene-d12	15.50	264	115649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	342903	103.31	ng		0.01
7) Phenol-d6	6.49	99	413986	102.73	ng		0.01
23) Nitrobenzene-d5	7.42	82	253606	71.29	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	105031	90.75	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	471800	67.00	ng		0.00
78) Terphenyl-d14	12.96	244	371576	69.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	40847	29.76	ng	#	92
3) Pyridine	3.44	79	111431	31.32	ng		96
4) n-Nitrosodimethylamine	3.39	42	60649	34.90	ng	#	91
6) Aniline	6.52	93	77533	14.80	ng		99
8) 2-Chlorophenol	6.64	128	123410	34.10	ng		94
9) Benzaldehyde	6.40	77	46182	18.72	ng		97
10) Phenol	6.50	94	157374	35.12	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	107998	32.13	ng		95
12) 1,3-Dichlorobenzene	6.79	146	137965	32.74	ng		97
13) 1,4-Dichlorobenzene	6.86	146	140064	32.10	ng		98
14) 1,2-Dichlorobenzene	7.02	146	131460	32.30	ng		97
15) Benzyl Alcohol	6.99	79	103904	33.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	173040	37.88	ng		94
17) 2-Methylphenol	7.10	107	99960	34.21	ng		96
18) Hexachloroethane	7.36	117	38121	27.20	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	81558	30.05	ng		95
20) 3+4-Methylphenols	7.26	107	126409	33.17	ng	#	62
22) Acetophenone	7.26	105	159691	31.15	ng	#	88
24) Nitrobenzene	7.43	77	122210	35.05	ng		98
25) Isophorone	7.67	82	216399	35.61	ng		96
26) 2-Nitrophenol	7.75	139	62410	32.61	ng		94
27) 2,4-Dimethylphenol	7.79	122	106208	38.36	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	136420	33.40	ng		100
29) 2,4-Dichlorophenol	7.99	162	107158	35.56	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	111162	33.55	ng		94
31) Naphthalene	8.16	128	347265	33.20	ng		99
32) Benzoic acid	7.87	122	8414	3.91	ng		94
33) 4-Chloroaniline	8.20	127	43206	10.28	ng		98
34) Hexachlorobutadiene	8.26	225	65431	32.19	ng		95
35) Caprolactam	8.57	113	32803m	34.93	ng		
36) 4-Chloro-3-methylphenol	8.69	107	107796	34.53	ng		100
37) 2-Methylnaphthalene	8.85	142	239303	33.67	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	107817	30.81	ng	#	97
40) Hexachlorocyclopentadiene	8.99	237	8288	14.01	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	76094	37.09	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	79529	36.26	ng	#	89
45) 1,1'-Biphenyl	9.31	154	269734	30.56	ng		96
46) 2-Chloronaphthalene	9.34	162	218925	34.92	ng		94
47) 2-Nitroaniline	9.43	65	69484	37.47	ng		94
48) Acenaphthylene	9.75	152	332269	32.25	ng		99
49) Dimethylphthalate	9.61	163	308757	39.74	ng		99
50) 2,6-Dinitrotoluene	9.67	165	54356	33.22	ng		98
51) Acenaphthene	9.93	154	193368	31.35	ng		97
52) 3-Nitroaniline	9.85	138	50490	27.44	ng		99
53) 2,4-Dinitrophenol	9.96	184	4467	9.82	ng	#	22
54) Dibenzofuran	10.10	168	292028	32.85	ng		99
55) 4-Nitrophenol	10.02	139	76807	61.89	ng		98
56) 2,4-Dinitrotoluene	10.09	165	68717	31.33	ng		88
57) Fluorene	10.44	166	228500	31.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	60449	34.42	ng	#	86
59) Diethylphthalate	10.31	149	247490	32.29	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	110936	31.09	ng		94
61) 4-Nitroaniline	10.46	138	48046	25.15	ng		93
62) Azobenzene	10.59	77	197505	30.37	ng		90
64) 4,6-Dinitro-2-methylphenol	10.50	198	5587	5.26	ng	#	80
65) n-Nitrosodiphenylamine	10.55	169	211922	37.93	ng		94
66) 4-Bromophenyl-phenylether	10.92	248	66142	37.31	ng	#	87
67) Hexachlorobenzene	10.99	284	66504	35.00	ng	#	91
68) Atrazine	11.08	200	66282	38.67	ng		96
69) Pentachlorophenol	11.19	266	59190	56.66	ng		99
70) Phenanthrene	11.41	178	370527	42.48	ng		99
71) Anthracene	11.46	178	317270	35.94	ng		98
72) Carbazole	11.62	167	252771	31.34	ng		97
73) Di-n-butylphthalate	11.93	149	355666	35.18	ng		98
74) Fluoranthene	12.60	202	405579	41.95	ng		97
76) Benzidine	12.72	184	66322	17.39	ng		96
77) Pyrene	12.83	202	390806	48.28	ng		99
79) Butylbenzylphthalate	13.43	149	121300	33.99	ng		93
80) Benzo(a)anthracene	14.02	228	305667	41.27	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	58895	22.96	ng	#	98
82) Chrysene	14.05	228	282312	41.04	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	187455	36.84	ng		99
84) Di-n-octyl phthalate	14.60	149	277613	32.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	229527	37.53	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	312339	45.09	ng		99
88) Benzo(k)fluoranthene	15.10	252	228873m	33.54	ng		
89) Benzo(a)pyrene	15.44	252	259812	41.26	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	171371	30.87	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	179323	34.27	ng	#	91

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

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