Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101570.D
Acq On : 20 Dec 2017 16:24
Operator : SJ/JU
Sample : I6676-09MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Manual Integrations APPROVED
Sohil
12/21/2017 12:07:03 PM

Quant Time: Dec 21 10:11:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	171062	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	679764	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	305037	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	495589	20.00	ng		0.00
75) Chrysene-d12	13.97	240	298652	20.00	ng		0.00
86) Perylene-d12	15.43	264	331437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1224889	106.66	ng		0.03
7) Phenol-d6	6.45	99	1394797	97.59	ng		0.01
23) Nitrobenzene-d5	7.37	82	1020711	83.59	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	328885	111.89	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1632638	83.03	ng		0.00
78) Terphenyl-d14	12.90	244	1220661	98.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	205373	34.804	ng		94
3) Pyridine	3.46	79	389210m	23.740	ng		
4) n-Nitrosodimethylamine	3.40	42	292538	38.754	ng	#	94
6) Aniline	6.47	93	177864	8.955	ng	#	66
8) 2-Chlorophenol	6.59	128	475861	39.391	ng		99
9) Benzaldehyde	6.36	77	144618	13.701	ng		96
10) Phenol	6.46	94	544383	33.419	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	512692	40.124	ng		94
12) 1,3-Dichlorobenzene	6.74	146	519997	38.139	ng		100
13) 1,4-Dichlorobenzene	6.82	146	526328	37.803	ng		99
14) 1,2-Dichlorobenzene	6.97	146	471373	37.613	ng		98
15) Benzyl Alcohol	6.95	79	353103	35.894	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	827302	42.305	ng		54
17) 2-Methylphenol	7.06	107	393140	35.379	ng	#	90
18) Hexachloroethane	7.30	117	188221	38.883	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	341888	36.425	ng		94
20) 3+4-Methylphenols	7.22	107	497249	42.228	ng	#	67
22) Acetophenone	7.22	105	669216	43.146	ng	#	91
24) Nitrobenzene	7.39	77	547965	40.545	ng		95
25) Isophorone	7.63	82	1028297	41.976	ng		99
26) 2-Nitrophenol	7.70	139	269663	46.443	ng		98
27) 2,4-Dimethylphenol	7.74	122	436558	44.257	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	649913	41.765	ng		99
29) 2,4-Dichlorophenol	7.95	162	423514	43.458	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	420766	40.914	ng		97
31) Naphthalene	8.10	128	1376176	40.213	ng		100
32) Benzoic acid	7.91	122	284097	43.616	ng		97
33) 4-Chloroaniline	8.16	127	72176	4.852	ng		95
34) Hexachlorobutadiene	8.21	225	240151	40.374	ng		99
35) Caprolactam	8.55	113	115462m	34.121	ng		
36) 4-Chloro-3-methylphenol	8.66	107	430728	40.213	ng		99
37) 2-Methylnaphthalene	8.79	142	913327	40.963	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437870	42.516	ng		98
40) Hexachlorocyclopentadiene	8.93	237	88737	52.259	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272459	43.944	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	269475	39.694	ng		94
45) 1,1'-Biphenyl	9.26	154	1101862	40.731	ng		99
46) 2-Chloronaphthalene	9.29	162	827946	39.999	ng		98
47) 2-Nitroaniline	9.39	65	287688	40.233	ng		90
48) Acenaphthylene	9.70	152	1178500	36.047	ng		100
49) Dimethylphthalate	9.56	163	937163	38.195	ng		99
50) 2,6-Dinitrotoluene	9.63	165	208620	41.835	ng	#	83
51) Acenaphthene	9.87	154	731574	37.245	ng		100
52) 3-Nitroaniline	9.80	138	93749	15.079	ng		93
53) 2,4-Dinitrophenol	9.93	184	130739	75.883	ng	#	19
54) Dibenzofuran	10.04	168	1001701	40.129	ng		99
55) 4-Nitrophenol	9.99	139	173470	63.987	ng	#	84
56) 2,4-Dinitrotoluene	10.05	165	242317	43.129	ng	#	95
57) Fluorene	10.39	166	809949	38.356	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	213760	43.826	ng		87
59) Diethylphthalate	10.26	149	922056	37.948	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	396943	39.222	ng		92
61) 4-Nitroaniline	10.43	138	183825	29.415	ng		98
62) Azobenzene	10.53	77	930387	36.964	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	94969	37.552	ng		95
65) n-Nitrosodiphenylamine	10.50	169	759993	41.531	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	253793	45.576	ng	#	88
67) Hexachlorobenzene	10.94	284	248301	42.131	ng	#	86
68) Atrazine	11.03	200	217601	39.880	ng		95
69) Pentachlorophenol	11.14	266	193571	84.094	ng		98
70) Phenanthrene	11.35	178	1082787	39.288	ng		99
71) Anthracene	11.40	178	1117686	39.701	ng		99
72) Carbazole	11.56	167	956266	36.280	ng		99
73) Di-n-butylphthalate	11.87	149	1338310	41.834	ng		99
74) Fluoranthene	12.54	202	977905	33.804	ng		100
76) Benzidine	12.67	184	30367	2.407	ng		99
77) Pyrene	12.77	202	970098	43.281	ng		98
79) Butylbenzylphthalate	13.37	149	460954	45.451	ng		97
80) Benzo(a)anthracene	13.96	228	804367	40.788	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	179530	27.920	ng	#	97
82) Chrysene	14.00	228	765699	41.123	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	610434	47.521	ng		99
84) Di-n-octyl phthalate	14.54	149	1016213	44.359	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	812768	49.019	ng		96
87) Benzo(b)fluoranthene	15.01	252	840772	41.619	ng		99
88) Benzo(k)fluoranthene	15.04	252	742677	37.811	ng		98
89) Benzo(a)pyrene	15.38	252	790847	42.466	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	693837	43.393	ng		97
91) Benzo(g,h,i)perylene	17.36	276	692313	43.726	ng		95

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

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