Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100497.D
Acq On : 13 Nov 2017 12:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 13 14:08:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	96232	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	371967	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	177188	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	345154	20.00	ng		0.00
75) Chrysene-d12	14.05	240	273313	20.00	ng		0.00
86) Perylene-d12	15.52	264	223371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	462727	77.08	ng		0.00
7) Phenol-d6	6.52	99	558298	75.42	ng		0.00
23) Nitrobenzene-d5	7.46	82	514532	91.45	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	172218	95.38	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1048547	90.11	ng		0.00
78) Terphenyl-d14	13.00	244	1011626	85.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	121414	41.501	ng		95
3) Pyridine	3.47	79	344424	43.151	ng		95
4) n-Nitrosodimethylamine	3.43	42	169464	43.730	ng		91
6) Aniline	6.56	93	377803	36.124	ng		99
8) 2-Chlorophenol	6.67	128	252433	39.748	ng		98
9) Benzaldehyde	6.45	77	185820	35.149	ng		97
10) Phenol	6.53	94	285805	36.776	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	239107	36.630	ng		97
12) 1,3-Dichlorobenzene	6.83	146	296943	40.554	ng		97
13) 1,4-Dichlorobenzene	6.91	146	301608	40.698	ng		98
14) 1,2-Dichlorobenzene	7.06	146	283967	41.443	ng		98
15) Benzyl Alcohol	7.03	79	225894	39.098	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	354704	33.975	ng		99
17) 2-Methylphenol	7.13	107	208665	38.448	ng		97
18) Hexachloroethane	7.40	117	102684	42.024	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	190276	37.063	ng		94
20) 3+4-Methylphenols	7.29	107	264687	38.540	ng	#	85
22) Acetophenone	7.30	105	369375	40.723	ng	#	97
24) Nitrobenzene	7.47	77	259127	44.748	ng		99
25) Isophorone	7.71	82	443511	37.513	ng		98
26) 2-Nitrophenol	7.79	139	137511	50.351	ng		98
27) 2,4-Dimethylphenol	7.82	122	217600	41.057	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	300184	38.816	ng		100
29) 2,4-Dichlorophenol	8.03	162	223470	44.167	ng		94
30) 1,2,4-Trichlorobenzene	8.11	180	243515	44.494	ng		99
31) Naphthalene	8.20	128	743337	41.490	ng		100
32) Benzoic acid	7.94	122	189858	47.018	ng		98
33) 4-Chloroaniline	8.24	127	305217	40.928	ng		100
34) Hexachlorobutadiene	8.31	225	150725	46.318	ng		99
35) Caprolactam	8.62	113	63563	36.607	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	223002	41.038	ng		97
37) 2-Methylnaphthalene	8.89	142	504325	42.400	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	271281	46.164	ng	#	97
40) Hexachlorocyclopentadiene	9.04	237	144051	52.084	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	169025	45.383	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	177455	45.988	ng	#	92
45) 1,1'-Biphenyl	9.35	154	663800	43.315	ng		98
46) 2-Chloronaphthalene	9.37	162	478812	43.068	ng		97
47) 2-Nitroaniline	9.47	65	140522	43.079	ng		97
48) Acenaphthylene	9.79	152	772512	41.928	ng		100
49) Dimethylphthalate	9.65	163	566079	41.843	ng		99
50) 2,6-Dinitrotoluene	9.71	165	120761	45.095	ng		97
51) Acenaphthene	9.96	154	485279	43.307	ng		99
52) 3-Nitroaniline	9.88	138	134987	42.688	ng		98
53) 2,4-Dinitrophenol	9.98	184	61432	60.150	ng	#	16
54) Dibenzofuran	10.13	168	661454	42.117	ng		98
55) 4-Nitrophenol	10.03	139	107365	41.814	ng		98
56) 2,4-Dinitrotoluene	10.12	165	159281	47.149	ng	#	80
57) Fluorene	10.47	166	509624	44.295	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	141306	44.681	ng	#	85
59) Diethylphthalate	10.35	149	552723	40.827	ng		96
60) 4-Chlorophenyl-phenylether	10.47	204	253790	44.966	ng		91
61) 4-Nitroaniline	10.50	138	130794	43.621	ng		89
62) Azobenzene	10.63	77	478370	37.516	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	95758	53.707	ng		79
65) n-Nitrosodiphenylamine	10.59	169	503304	41.937	ng		96
66) 4-Bromophenyl-phenylether	10.96	248	162551	43.933	ng	#	86
67) Hexachlorobenzene	11.02	284	172566	44.593	ng	#	90
68) Atrazine	11.11	200	152259	41.912	ng		98
69) Pentachlorophenol	11.22	266	124636	44.917	ng		98
70) Phenanthrene	11.44	178	747471	41.131	ng		99
71) Anthracene	11.49	178	761227	41.287	ng		100
72) Carbazole	11.64	167	678598	39.889	ng		99
73) Di-n-butylphthalate	11.97	149	844597	42.424	ng		99
74) Fluoranthene	12.63	202	789151	40.974	ng		95
76) Benzidine	12.74	184	423262	38.670	ng		100
77) Pyrene	12.86	202	803150	41.224	ng		100
79) Butylbenzylphthalate	13.47	149	349581	43.998	ng		91
80) Benzo(a)anthracene	14.04	228	694545	42.199	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	256310	43.465	ng	#	98
82) Chrysene	14.08	228	651640	40.886	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	481080	46.036	ng		99
84) Di-n-octyl phthalate	14.63	149	780854	43.496	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	461874	35.828	ng	#	93
87) Benzo(b)fluoranthene	15.09	252	599827	45.326	ng		97
88) Benzo(k)fluoranthene	15.13	252	534032	42.710	ng	#	95
89) Benzo(a)pyrene	15.46	252	499935	42.613	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	393889	41.053	ng	#	95
91) Benzo(g,h,i)perylene	17.46	276	369290	39.320	ng	#	92

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

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