Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111416.D
Acq On : 14 Dec 2018 14:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 14 15:41:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	190986	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	799796	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	383783	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	694558	20.00	ng		0.00
76) Chrysene-d12	13.95	240	533712	20.00	ng		0.00
87) Perylene-d12	15.39	264	403456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	926719	80.74	ng		0.00
7) Phenol-d6	6.44	99	1169715	76.62	ng		0.00
23) Nitrobenzene-d5	7.36	82	1098108	81.76	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	270376	78.65	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1986535	79.95	ng		0.00
79) Terphenyl-d14	12.90	244	1764996	77.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	209664	37.824	ng		97
3) Pyridine	3.23	79	549083	39.440	ng		92
4) n-Nitrosodimethylamine	3.17	42	257110	40.658	ng		88
6) Aniline	6.46	93	731185	38.611	ng	#	87
8) 2-Chlorophenol	6.58	128	546160	39.827	ng		99
9) Benzaldehyde	6.34	77	334976	36.175	ng		95
10) Phenol	6.45	94	659397	38.773	ng	#	73
11) bis(2-Chloroethyl)ether	6.53	93	518314	38.878	ng		98
12) 1,3-Dichlorobenzene	6.73	146	582062	38.559	ng		98
13) 1,4-Dichlorobenzene	6.81	146	601355	39.247	ng		97
14) 1,2-Dichlorobenzene	6.97	146	558182	38.723	ng		98
15) Benzyl Alcohol	6.94	79	452725	38.973	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1020728	39.213	ng		100
17) 2-Methylphenol	7.06	107	424689	38.481	ng		97
18) Hexachloroethane	7.31	117	215965	37.874	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	380623	37.790	ng		93
20) 3+4-Methylphenols	7.21	107	532695	38.479	ng	#	81
22) Acetophenone	7.20	105	731180	40.953	ng	#	94
24) Nitrobenzene	7.37	77	560363	40.899	ng		99
25) Isophorone	7.62	82	899397	39.577	ng		99
26) 2-Nitrophenol	7.69	139	288825	40.649	ng		99
27) 2,4-Dimethylphenol	7.73	122	423263	41.090	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	622529	39.681	ng		98
29) 2,4-Dichlorophenol	7.94	162	451582	41.067	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	458263	39.810	ng		98
31) Naphthalene	8.10	128	1488516	39.791	ng		97
32) Benzoic acid	7.86	122	303567	34.103	ng		96
33) 4-Chloroaniline	8.15	127	652677	39.237	ng		99
34) Hexachlorobutadiene	8.22	225	254750	40.169	ng		97
35) Caprolactam	8.52	113	161292	39.507	ng		98
36) 4-Chloro-3-methylphenol	8.63	107	478516	39.534	ng		98
37) 2-Methylnaphthalene	8.79	142	957010	37.807	ng		98
38) 1-Methylnaphthalene	8.89	142	929375	38.004	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	413191	39.258	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	223852	41.426	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	299664	40.228	ng		96
44) 2,4,5-Trichlorophenol	9.12	196	317588	40.065	ng		94
46) 1,1'-Biphenyl	9.26	154	1285077	39.518	ng		94
47) 2-Chloronaphthalene	9.28	162	976021	39.486	ng		95
48) 2-Nitroaniline	9.37	65	323148	40.264	ng		93
49) Acenaphthylene	9.69	152	1460474	39.806	ng		96
50) Dimethylphthalate	9.56	163	1078607	39.024	ng		98
51) 2,6-Dinitrotoluene	9.62	165	251891	40.488	ng		99
52) Acenaphthene	9.87	154	911347	39.299	ng		97
53) 3-Nitroaniline	9.79	138	296470	39.233	ng		91
54) 2,4-Dinitrophenol	9.89	184	93332	39.432	ng		88
55) Dibenzofuran	10.04	168	1325284	39.372	ng		96
56) 4-Nitrophenol	9.95	139	214470	41.011	ng		99
57) 2,4-Dinitrotoluene	10.02	165	329269	40.324	ng		98
58) Fluorene	10.38	166	976778	40.007	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	242613	39.174	ng		98
60) Diethylphthalate	10.26	149	1103873	39.428	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	475960	39.845	ng		96
62) 4-Nitroaniline	10.40	138	291351	38.948	ng		98
63) Azobenzene	10.53	77	1080092	39.132	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	150412	38.360	ng		91
66) n-Nitrosodiphenylamine	10.49	169	935569	39.061	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	293660	39.228	ng		95
68) Hexachlorobenzene	10.93	284	301179	39.112	ng	#	91
69) Atrazine	11.02	200	276541	39.951	ng		96
70) Pentachlorophenol	11.12	266	189758	40.177	ng		96
71) Phenanthrene	11.34	178	1386187	38.732	ng		95
72) Anthracene	11.39	178	1444267	39.460	ng		96
73) Carbazole	11.55	167	1482409	39.167	ng		96
74) Di-n-butylphthalate	11.88	149	1676912	39.782	ng		96
75) Fluoranthene	12.53	202	1405644	40.147	ng		97
77) Benzidine	12.65	184	743087	37.875	ng		100
78) Pyrene	12.75	202	1457110	38.724	ng		95
80) Butylbenzylphthalate	13.37	149	712508	38.847	ng		94
81) Benzo(a)anthracene	13.94	228	1109300	38.225	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	444279	37.659	ng		99
83) Chrysene	13.98	228	1158877	37.908	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	919392	39.246	ng		99
85) Di-n-octyl phthalate	14.55	149	1521339	38.500	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	719800	32.623	ng		96
88) Benzo(b)fluoranthene	14.97	252	917132	38.990	ng		97
89) Benzo(k)fluoranthene	15.00	252	943331	41.971	ng		100
90) Benzo(a)pyrene	15.33	252	838327	39.523	ng		96
91) Dibenzo(a,h)anthracene	16.82	278	613588	36.671	ng	#	95
92) Benzo(g,h,i)perylene	17.23	276	595151	36.237	ng		96

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

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