Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110719.D
Acq On : 13 Nov 2018 15:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 13 16:42:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83510	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	358621	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	177837	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	329776	20.00	ng		0.00
76) Chrysene-d12	14.13	240	244348	20.00	ng		0.00
87) Perylene-d12	15.66	264	171882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	419842	81.66	ng		0.00
7) Phenol-d6	6.57	99	531658	80.87	ng		0.00
23) Nitrobenzene-d5	7.52	82	503576	80.87	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	143409	80.03	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	961433	77.21	ng		0.00
79) Terphenyl-d14	13.06	244	984497	75.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	101155	39.488	ng		89
3) Pyridine	3.56	79	213481	38.609	ng	#	82
4) n-Nitrosodimethylamine	3.53	42	99263	41.839	ng		88
6) Aniline	6.61	93	324935	37.899	ng	#	55
8) 2-Chlorophenol	6.73	128	245103	40.667	ng		98
9) Benzaldehyde	6.50	77	146125	41.896	ng		98
10) Phenol	6.59	94	305672	40.097	ng	#	64
11) bis(2-Chloroethyl)ether	6.68	93	225535	39.477	ng		94
12) 1,3-Dichlorobenzene	6.89	146	265699	40.291	ng		99
13) 1,4-Dichlorobenzene	6.96	146	266949	39.864	ng		98
14) 1,2-Dichlorobenzene	7.12	146	251559	40.382	ng		99
15) Benzyl Alcohol	7.09	79	210515	40.917	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	370619	41.309	ng		71
17) 2-Methylphenol	7.19	107	192508	40.134	ng	#	83
18) Hexachloroethane	7.45	117	99821	40.378	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	173802	41.415	ng		95
20) 3+4-Methylphenols	7.35	107	252351	40.983	ng		94
22) Acetophenone	7.36	105	338416	40.491	ng		97
24) Nitrobenzene	7.53	77	255598	40.061	ng		92
25) Isophorone	7.76	82	423303	41.474	ng		98
26) 2-Nitrophenol	7.85	139	129092	40.558	ng		99
27) 2,4-Dimethylphenol	7.87	122	197233	40.688	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	284608	41.185	ng		99
29) 2,4-Dichlorophenol	8.09	162	205250	41.151	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	225036	40.016	ng		96
31) Naphthalene	8.25	128	677298	40.231	ng		99
32) Benzoic acid	8.01	122	146249	42.641	ng		95
33) 4-Chloroaniline	8.30	127	295962	38.811	ng		99
34) Hexachlorobutadiene	8.36	225	128469	39.995	ng		100
35) Caprolactam	8.68	113	70005	42.009	ng	#	84
36) 4-Chloro-3-methylphenol	8.78	107	226662	42.136	ng		95
37) 2-Methylnaphthalene	8.94	142	446700	40.475	ng		99
38) 1-Methylnaphthalene	9.04	142	429147	40.433	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	220357	39.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	78203	39.865	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	140431	39.699	ng		96
44) 2,4,5-Trichlorophenol	9.26	196	149149	39.527	ng		95
46) 1,1'-Biphenyl	9.40	154	649999	39.181	ng		100
47) 2-Chloronaphthalene	9.43	162	471425	39.444	ng		99
48) 2-Nitroaniline	9.53	65	149654	40.633	ng		98
49) Acenaphthylene	9.85	152	682809	39.670	ng		99
50) Dimethylphthalate	9.70	163	521477	39.298	ng		99
51) 2,6-Dinitrotoluene	9.77	165	116695	39.977	ng		97
52) Acenaphthene	10.02	154	424498	39.025	ng		98
53) 3-Nitroaniline	9.95	138	134987	39.915	ng		92
54) 2,4-Dinitrophenol	10.06	184	34941	32.984	ng		92
55) Dibenzofuran	10.19	168	625465	39.302	ng		99
56) 4-Nitrophenol	10.10	139	84524	37.673	ng		95
57) 2,4-Dinitrotoluene	10.19	165	151114	39.815	ng		96
58) Fluorene	10.54	166	484655	39.648	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	121068	40.786	ng		94
60) Diethylphthalate	10.40	149	511412	38.956	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	251947	39.807	ng		96
62) 4-Nitroaniline	10.57	138	135803	39.877	ng		94
63) Azobenzene	10.69	77	519565	40.565	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	60908	36.647	ng		94
66) n-Nitrosodiphenylamine	10.65	169	446285	40.149	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	148475	40.737	ng		93
68) Hexachlorobenzene	11.09	284	154896	40.310	ng	#	88
69) Atrazine	11.17	200	127143	37.409	ng		97
70) Pentachlorophenol	11.29	266	79951	38.993	ng		98
71) Phenanthrene	11.50	178	701292	39.693	ng		100
72) Anthracene	11.56	178	705113	39.563	ng		99
73) Carbazole	11.72	167	686345	40.099	ng		99
74) Di-n-butylphthalate	12.02	149	810961	40.404	ng		99
75) Fluoranthene	12.70	202	713433	40.277	ng		99
77) Benzidine	12.82	184	278125	41.390	ng		99
78) Pyrene	12.93	202	729815	38.791	ng		97
80) Butylbenzylphthalate	13.53	149	325832	40.237	ng		99
81) Benzo(a)anthracene	14.12	228	578618	39.618	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	189393	38.710	ng		98
83) Chrysene	14.16	228	549440	39.488	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	420840	41.893	ng		98
85) Di-n-octyl phthalate	14.69	149	646569	43.769	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	382241	38.283	ng		97
88) Benzo(b)fluoranthene	15.20	252	416317	40.488	ng		99
89) Benzo(k)fluoranthene	15.23	252	414137	40.760	ng		98
90) Benzo(a)pyrene	15.59	252	379058	40.574	ng		99
91) Dibenzo(a,h)anthracene	17.23	278	314687	39.803	ng		99
92) Benzo(g,h,i)perylene	17.70	276	314814	40.133	ng		98

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

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