Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106962.D
Acq On : 29 Jun 2018 10:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 29 13:34:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 11:40:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70711	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	285670	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	149457	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	305941	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	271304	20.00	ng		-0.02
86) Perylene-d12	15.68	264	227558	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	340166	81.46	ng		-0.01
7) Phenol-d6	6.60	99	421357	80.80	ng		-0.01
23) Nitrobenzene-d5	7.52	82	395163	76.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	152263	87.90	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	737503	83.21	ng		-0.01
78) Terphenyl-d14	13.07	244	926113	82.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	81088	37.770	ng		96
3) Pyridine	3.60	79	214711	36.877	ng		96
4) n-Nitrosodimethylamine	3.57	42	88400	35.747	ng		82
6) Aniline	6.62	93	283054	40.014	ng		99
8) 2-Chlorophenol	6.75	128	187098	40.850	ng		96
9) Benzaldehyde	6.51	77	127358	34.711	ng		95
10) Phenol	6.61	94	234530	39.407	ng		79
11) bis(2-Chloroethyl)ether	6.69	93	188088	38.282	ng		98
12) 1,3-Dichlorobenzene	6.90	146	220118	41.033	ng		98
13) 1,4-Dichlorobenzene	6.97	146	224505	41.395	ng		98
14) 1,2-Dichlorobenzene	7.12	146	208548	41.958	ng		97
15) Benzyl Alcohol	7.10	79	163365	39.014	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	224566	34.836	ng		74
17) 2-Methylphenol	7.21	107	157537	40.192	ng		95
18) Hexachloroethane	7.46	117	75258	39.460	ng		92
19) n-Nitroso-di-n-propylamine	7.37	70	129141	37.568	ng		93
20) 3+4-Methylphenols	7.37	107	188465	44.365	ng	#	66
22) Acetophenone	7.37	105	259758	40.643	ng	#	95
24) Nitrobenzene	7.54	77	201461	38.387	ng		98
25) Isophorone	7.78	82	336545	37.154	ng		99
26) 2-Nitrophenol	7.85	139	104704	42.262	ng		98
27) 2,4-Dimethylphenol	7.89	122	152995	39.954	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	230084	37.831	ng		98
29) 2,4-Dichlorophenol	8.10	162	167762	41.846	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	194174	43.966	ng		97
31) Naphthalene	8.26	128	547133	40.966	ng		99
32) Benzoic acid	8.02	122	86271	33.005	ng		98
33) 4-Chloroaniline	8.31	127	229769	41.000	ng		99
34) Hexachlorobutadiene	8.37	225	127178	44.194	ng		99
35) Caprolactam	8.70	113	52449	40.134	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	172713	40.929	ng		99
37) 2-Methylnaphthalene	8.95	142	389259	43.971	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	208900	41.504	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	89803	34.678	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	120988	36.162	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	129928	37.217	ng		91
45) 1,1'-Biphenyl	9.41	154	483743	40.613	ng		99
46) 2-Chloronaphthalene	9.44	162	350060	37.337	ng		96
47) 2-Nitroaniline	9.54	65	112603	35.716	ng		95
48) Acenaphthylene	9.86	152	566122	38.246	ng		99
49) Dimethylphthalate	9.71	163	427387	38.127	ng		99
50) 2,6-Dinitrotoluene	9.78	165	96787	40.776	ng	#	84
51) Acenaphthene	10.03	154	357542	38.358	ng		98
52) 3-Nitroaniline	9.96	138	105269	38.540	ng		97
53) 2,4-Dinitrophenol	10.07	184	55231	47.112	ng	#	19
54) Dibenzofuran	10.20	168	522540	40.940	ng		99
55) 4-Nitrophenol	10.13	139	65821	34.523	ng		98
56) 2,4-Dinitrotoluene	10.19	165	128490	41.472	ng		90
57) Fluorene	10.55	166	420683	41.535	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	113234	40.803	ng	#	77
59) Diethylphthalate	10.41	149	399909	36.963	ng		95
60) 4-Chlorophenyl-phenylether	10.54	204	221196	41.740	ng	#	83
61) 4-Nitroaniline	10.58	138	107266	39.570	ng		95
62) Azobenzene	10.69	77	364455	34.208	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	74496	39.392	ng		79
65) n-Nitrosodiphenylamine	10.65	169	378884	36.819	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	147749	40.465	ng	#	82
67) Hexachlorobenzene	11.09	284	159880	41.837	ng	#	85
68) Atrazine	11.18	200	131152	40.091	ng		94
69) Pentachlorophenol	11.29	266	76788	40.271	ng		97
70) Phenanthrene	11.51	178	610314	41.360	ng		99
71) Anthracene	11.57	178	622982	41.362	ng		99
72) Carbazole	11.72	167	569871	40.412	ng		98
73) Di-n-butylphthalate	12.04	149	609175	36.669	ng		99
74) Fluoranthene	12.71	202	688229	42.315	ng		96
76) Benzidine	12.82	184	296322	38.351	ng		98
77) Pyrene	12.94	202	698954	39.068	ng		100
79) Butylbenzylphthalate	13.54	149	257877	35.058	ng	#	90
80) Benzo(a)anthracene	14.13	228	648329	39.209	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	220401	37.925	ng	#	97
82) Chrysene	14.17	228	590330	38.806	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	310016	32.966	ng		97
84) Di-n-octyl phthalate	14.72	149	525301	34.268	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	501937	38.881	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	553487	39.155	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	545153	40.497	ng	#	96
89) Benzo(a)pyrene	15.61	252	499692	39.764	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	421179	39.548	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	425363	40.863	ng	#	89

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

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