Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117371.D
Acq On : 12 Oct 2019 16:19
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/16/2019 8:05:47 AM

Quant Time: Oct 14 02:25:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46758	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	194377	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	101069	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	160765	20.00	ng		0.00
76) Chrysene-d12	13.97	240	118050	20.00	ng		0.00
87) Perylene-d12	15.42	264	102749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	251963	84.13	ng		0.00
7) Phenol-d6	6.45	99	327790	84.69	ng		0.00
23) Nitrobenzene-d5	7.37	82	316774	85.63	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	68986	81.67	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	561131	86.81	ng		0.00
79) Terphenyl-d14	12.90	244	565446	89.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	50500	40.296	ng		99
3) Pyridine	3.28	79	136467	39.784	ng		93
4) n-Nitrosodimethylamine	3.22	42	45802	38.909	ng		95
6) Aniline	6.46	93	205517	41.241	ng	#	70
8) 2-Chlorophenol	6.59	128	136461	42.236	ng		97
9) Benzaldehyde	6.35	77	86243	46.013	ng		98
10) Phenol	6.46	94	176148	41.282	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	127142	40.543	ng		97
12) 1,3-Dichlorobenzene	6.74	146	153278	42.277	ng		97
13) 1,4-Dichlorobenzene	6.82	146	153912	41.599	ng		99
14) 1,2-Dichlorobenzene	6.97	146	144289	41.886	ng		98
15) Benzyl Alcohol	6.95	79	123238	41.521	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	137319	44.321	ng		70
17) 2-Methylphenol	7.06	107	111337	41.117	ng	#	89
18) Hexachloroethane	7.30	117	59715	41.954	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	101948	43.256	ng		97
20) 3+4-Methylphenols	7.22	107	150060	44.490	ng		95
22) Acetophenone	7.21	105	211916	42.911	ng		96
24) Nitrobenzene	7.39	77	152046	41.619	ng		94
25) Isophorone	7.62	82	268629	41.011	ng		99
26) 2-Nitrophenol	7.70	139	70642	45.017	ng		96
27) 2,4-Dimethylphenol	7.74	122	106877	42.949	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	172065	42.637	ng		98
29) 2,4-Dichlorophenol	7.95	162	110826	42.503	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	117834	41.829	ng		99
31) Naphthalene	8.10	128	397596	42.531	ng		99
32) Benzoic acid	7.89	122	60737	34.477	ng		93
33) 4-Chloroaniline	8.16	127	177376	42.780	ng		98
34) Hexachlorobutadiene	8.22	225	68532	42.880	ng		96
35) Caprolactam	8.53	113	35813m	40.578	ng		
36) 4-Chloro-3-methylphenol	8.65	107	126279	41.534	ng		99
37) 2-Methylnaphthalene	8.79	142	268225	42.609	ng		99
38) 1-Methylnaphthalene	8.89	142	254442	43.156	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	110418	42.308	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	42632	41.177	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	69368	39.166	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	69418	36.684	ng		94
46) 1,1'-Biphenyl	9.26	154	334734	42.222	ng		98
47) 2-Chloronaphthalene	9.29	162	257830	41.208	ng		97
48) 2-Nitroaniline	9.39	65	83941	41.827	ng		97
49) Acenaphthylene	9.70	152	388417	41.440	ng		99
50) Dimethylphthalate	9.56	163	296501	41.433	ng		98
51) 2,6-Dinitrotoluene	9.63	165	62822	43.103	ng		98
52) Acenaphthene	9.87	154	232706	41.882	ng		99
53) 3-Nitroaniline	9.80	138	78085	42.463	ng		95
54) 2,4-Dinitrophenol	9.92	184	24888	44.182	ng		93
55) Dibenzofuran	10.04	168	343951	41.957	ng		99
56) 4-Nitrophenol	9.98	139	41827	35.095	ng		96
57) 2,4-Dinitrotoluene	10.04	165	84164	44.487	ng	#	80
58) Fluorene	10.39	166	283903	42.993	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	54755	37.812	ng		98
60) Diethylphthalate	10.25	149	299671	42.564	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	127453	44.609	ng		91
62) 4-Nitroaniline	10.42	138	79742	41.698	ng		97
63) Azobenzene	10.53	77	302788	42.109	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	31965	44.265	ng		95
66) n-Nitrosodiphenylamine	10.49	169	239750	43.181	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	71762	43.709	ng		96
68) Hexachlorobenzene	10.94	284	77151	42.964	ng		95
69) Atrazine	11.02	200	48255	32.354	ng		99
70) Pentachlorophenol	11.14	266	32779	38.942	ng		94
71) Phenanthrene	11.35	178	392052	42.935	ng		99
72) Anthracene	11.40	178	403729	43.307	ng		99
73) Carbazole	11.56	167	375799	42.468	ng		99
74) Di-n-butylphthalate	11.87	149	488567	46.405	ng		99
75) Fluoranthene	12.54	202	406635	43.340	ng		99
77) Benzidine	12.66	184	136701	35.948	ng		99
78) Pyrene	12.77	202	407805	41.170	ng		99
80) Butylbenzylphthalate	13.37	149	203282	43.433	ng		99
81) Benzo(a)anthracene	13.96	228	330675	41.926	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	105032	41.326	ng		99
83) Chrysene	14.00	228	333800	43.393	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	281487	46.645	ng		100
85) Di-n-octyl phthalate	14.54	149	438694	46.187	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	205761	36.664	ng		99
88) Benzo(b)fluoranthene	15.00	252	260840	41.910	ng		99
89) Benzo(k)fluoranthene	15.03	252	260713	44.221	ng		97
90) Benzo(a)pyrene	15.36	252	226651	41.499	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	170927	39.286	ng		97
92) Benzo(g,h,i)perylene	17.32	276	158883	36.646	ng		97

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

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