Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116951.D
Acq On : 11 Sep 2019 17:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/16/2019 8:57:52 AM

Quant Time: Sep 12 11:34:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87326	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	374991	20.00	ng		-0.01
39) Acenaphthene-d10	9.86	164	202566	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	339397	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	240503	20.00	ng		-0.01
87) Perylene-d12	15.42	264	218355	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	459472	85.24	ng		-0.01
7) Phenol-d6	6.46	99	606487	85.69	ng		-0.01
23) Nitrobenzene-d5	7.39	82	589632	89.76	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	148349	109.55	ng		-0.01
45) 2-Fluorobiphenyl	9.18	172	1048693	87.33	ng		-0.01
79) Terphenyl-d14	12.92	244	1100392	84.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	92717	37.261	ng		97
3) Pyridine	3.30	79	265466	36.847	ng		91
4) n-Nitrosodimethylamine	3.25	42	90330	36.512	ng		79
6) Aniline	6.49	93	401976	41.004	ng		99
8) 2-Chlorophenol	6.61	128	251543	42.748	ng		96
9) Benzaldehyde	6.37	77	174507	37.423	ng		98
10) Phenol	6.47	94	333897	42.601	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	245483	40.225	ng		99
12) 1,3-Dichlorobenzene	6.77	146	282335	42.454	ng		98
13) 1,4-Dichlorobenzene	6.85	146	288220	43.531	ng		99
14) 1,2-Dichlorobenzene	7.00	146	265135	43.211	ng		97
15) Benzyl Alcohol	6.97	79	240440	41.848	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	248418	34.695	ng		89
17) 2-Methylphenol	7.08	107	215075	41.753	ng		97
18) Hexachloroethane	7.34	117	109376	42.519	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	199265	42.757	ng		92
20) 3+4-Methylphenols	7.23	107	270203	45.115	ng	#	77
22) Acetophenone	7.23	105	397019	43.977	ng		98
24) Nitrobenzene	7.41	77	291504	43.634	ng		93
25) Isophorone	7.65	82	544527	40.910	ng		100
26) 2-Nitrophenol	7.72	139	128852	51.878	ng		99
27) 2,4-Dimethylphenol	7.76	122	200954	40.061	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	335925	41.299	ng		99
29) 2,4-Dichlorophenol	7.96	162	215349	44.672	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	222886	42.628	ng		98
31) Naphthalene	8.13	128	754724	42.326	ng		99
32) Benzoic acid	7.89	122	160784	56.767	ng		95
33) 4-Chloroaniline	8.17	127	343564	42.328	ng		99
34) Hexachlorobutadiene	8.25	225	128280	44.996	ng		99
35) Caprolactam	8.55	113	75275	41.724	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	257138	46.410	ng		97
37) 2-Methylnaphthalene	8.82	142	521700	43.973	ng		97
38) 1-Methylnaphthalene	8.92	142	491424	43.879	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	210406	43.330	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	102221	36.454	ng		95
43) 2,4,6-Trichlorophenol	9.10	196	149381	44.877	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	158694	45.921	ng		95
46) 1,1'-Biphenyl	9.28	154	651237	42.368	ng		97
47) 2-Chloronaphthalene	9.31	162	512322	42.082	ng		99
48) 2-Nitroaniline	9.40	65	168476	47.867	ng		96
49) Acenaphthylene	9.72	152	780764	42.426	ng		99
50) Dimethylphthalate	9.58	163	614494	43.939	ng		99
51) 2,6-Dinitrotoluene	9.65	165	126986	47.591	ng		86
52) Acenaphthene	9.89	154	461377	40.803	ng		99
53) 3-Nitroaniline	9.81	138	157552	47.117	ng		87
54) 2,4-Dinitrophenol	9.92	184	47469	53.512	ng		96
55) Dibenzofuran	10.06	168	683348	42.869	ng		95
56) 4-Nitrophenol	9.97	139	107560	46.912	ng		88
57) 2,4-Dinitrotoluene	10.05	165	171341	52.516	ng		97
58) Fluorene	10.40	166	564461	46.473	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	126711	50.805	ng		95
60) Diethylphthalate	10.27	149	621767	44.384	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	242942	45.677	ng		95
62) 4-Nitroaniline	10.43	138	162258	50.001	ng		98
63) Azobenzene	10.56	77	621401	42.540	ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	63183	50.152	ng		80
66) n-Nitrosodiphenylamine	10.52	169	489145	41.662	ng		97
67) 4-Bromophenyl-phenylether	10.89	248	148228	42.992	ng		96
68) Hexachlorobenzene	10.96	284	160631	44.529	ng		96
69) Atrazine	11.04	200	135635	41.248	ng		98
70) Pentachlorophenol	11.15	266	85084	48.758	ng		100
71) Phenanthrene	11.37	178	796833	42.176	ng		99
72) Anthracene	11.42	178	810836	42.634	ng		99
73) Carbazole	11.57	167	767698	42.376	ng		99
74) Di-n-butylphthalate	11.90	149	1001646	43.129	ng		99
75) Fluoranthene	12.55	202	813748	43.827	ng		99
77) Benzidine	12.67	184	390318	41.377	ng		99
78) Pyrene	12.78	202	834113	39.015	ng		98
80) Butylbenzylphthalate	13.39	149	415201	39.936	ng		94
81) Benzo(a)anthracene	13.96	228	667378	43.845	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	224476	43.639	ng		98
83) Chrysene	14.00	228	642751	40.987	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	554228	43.185	ng		99
85) Di-n-octyl phthalate	14.56	149	885447	42.160	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.86	276	435180	34.549	ng		98
88) Benzo(b)fluoranthene	15.00	252	572179	43.342	ng		100
89) Benzo(k)fluoranthene	15.03	252	507198	42.138	ng		97
90) Benzo(a)pyrene	15.36	252	486499	42.358	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	353647	35.177	ng		99
92) Benzo(g,h,i)perylene	17.29	276	328531m	32.042	ng		

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

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