Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114571.D
Acq On : 24 May 2019 15:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 24 20:45:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156687	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	628700	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	302438	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	600441	20.00	ng		0.00
76) Chrysene-d12	13.99	240	380630	20.00	ng		0.00
87) Perylene-d12	15.46	264	307034	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	772119	79.30	ng		0.00
7) Phenol-d6	6.46	99	947426	82.27	ng		0.00
23) Nitrobenzene-d5	7.38	82	904780	80.76	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	238938	76.42	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1604170	80.23	ng		0.00
79) Terphenyl-d14	12.92	244	1618715	87.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	176630	33.004	ng		97
3) Pyridine	3.30	79	495896	33.631	ng		99
4) n-Nitrosodimethylamine	3.25	42	240746	33.857	ng		98
6) Aniline	6.48	93	657706	39.538	ng	#	70
8) 2-Chlorophenol	6.61	128	437130	42.055	ng		92
9) Benzaldehyde	6.37	77	277756	34.453	ng		99
10) Phenol	6.47	94	549841	40.588	ng		79
11) bis(2-Chloroethyl)ether	6.55	93	424731	41.298	ng		97
12) 1,3-Dichlorobenzene	6.76	146	477141	40.894	ng		99
13) 1,4-Dichlorobenzene	6.83	146	497621	42.324	ng		97
14) 1,2-Dichlorobenzene	6.99	146	453601	42.229	ng		99
15) Benzyl Alcohol	6.96	79	355390	39.569	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	789809	39.607	ng		63
17) 2-Methylphenol	7.08	107	339443	39.754	ng	#	92
18) Hexachloroethane	7.32	117	183412	41.559	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	297591	40.770	ng		99
20) 3+4-Methylphenols	7.23	107	440004	44.602	ng	#	79
22) Acetophenone	7.23	105	575598	41.327	ng	#	92
24) Nitrobenzene	7.40	77	460479	40.357	ng		98
25) Isophorone	7.64	82	825612	39.737	ng		100
26) 2-Nitrophenol	7.72	139	236109	42.652	ng		97
27) 2,4-Dimethylphenol	7.76	122	337550	38.824	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	549875	40.790	ng		100
29) 2,4-Dichlorophenol	7.97	162	364013	42.046	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	403951	41.032	ng		99
31) Naphthalene	8.12	128	1247434	42.477	ng		99
32) Benzoic acid	7.91	122	239371	39.985	ng		98
33) 4-Chloroaniline	8.17	127	563264	42.089	ng		99
34) Hexachlorobutadiene	8.23	225	233324	41.654	ng		99
35) Caprolactam	8.55	113	122066	43.240	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	370526	42.518	ng		97
37) 2-Methylnaphthalene	8.81	142	817671	43.154	ng		97
38) 1-Methylnaphthalene	8.91	142	769899	43.147	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	378426	41.306	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	152841	38.198	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	243241	38.600	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	241088	37.306	ng		95
46) 1,1'-Biphenyl	9.27	154	1003049	41.053	ng		98
47) 2-Chloronaphthalene	9.30	162	800249	40.697	ng		97
48) 2-Nitroaniline	9.40	65	277640	39.813	ng		96
49) Acenaphthylene	9.72	152	1208814	40.419	ng		98
50) Dimethylphthalate	9.57	163	904099	40.722	ng		100
51) 2,6-Dinitrotoluene	9.65	165	198815	40.374	ng		88
52) Acenaphthene	9.89	154	731141	39.840	ng		99
53) 3-Nitroaniline	9.82	138	241905	39.573	ng		100
54) 2,4-Dinitrophenol	9.94	184	92132	40.816	ng		94
55) Dibenzofuran	10.06	168	1037421	38.551	ng		99
56) 4-Nitrophenol	10.00	139	147972	34.230	ng		95
57) 2,4-Dinitrotoluene	10.06	165	249393	37.313	ng	#	79
58) Fluorene	10.40	166	863545	41.544	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	205922	36.929	ng		98
60) Diethylphthalate	10.27	149	912080	40.432	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	422982	41.432	ng		96
62) 4-Nitroaniline	10.43	138	240080	37.376	ng		97
63) Azobenzene	10.55	77	856031	39.204	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	120537	41.778	ng		98
66) n-Nitrosodiphenylamine	10.51	169	748144	41.054	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	264826	40.058	ng		96
68) Hexachlorobenzene	10.96	284	292520	39.996	ng		99
69) Atrazine	11.04	200	231389	40.802	ng		99
70) Pentachlorophenol	11.16	266	118401	34.151	ng		98
71) Phenanthrene	11.36	178	1224637	41.922	ng		98
72) Anthracene	11.42	178	1245969	42.465	ng		99
73) Carbazole	11.57	167	1166624	41.696	ng		98
74) Di-n-butylphthalate	11.89	149	1426473	44.253	ng		100
75) Fluoranthene	12.56	202	1299744	41.317	ng		99
77) Benzidine	12.67	184	754220	44.143	ng		96
78) Pyrene	12.79	202	1305575	42.638	ng		99
80) Butylbenzylphthalate	13.39	149	584727	45.369	ng		96
81) Benzo(a)anthracene	13.97	228	1052992	42.772	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	396732	41.541	ng		98
83) Chrysene	14.02	228	1024536	42.453	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	776976	46.095	ng		98
85) Di-n-octyl phthalate	14.57	149	1155811	42.299	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	801690	37.587	ng		99
88) Benzo(b)fluoranthene	15.04	252	870642	44.262	ng		99
89) Benzo(k)fluoranthene	15.06	252	791387	43.798	ng		99
90) Benzo(a)pyrene	15.40	252	759934	43.898	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	649332	45.139	ng		99
92) Benzo(g,h,i)perylene	17.39	276	673009	46.685	ng		98

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

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