Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114597.D
Acq On : 25 May 2019 4:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/27/2019 3:52:48 AM

Quant Time: May 27 03:44:09 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	6.81	152	110303	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	451683	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	222857	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	456472	20.00	ng		0.00
76) Chrysene-d12	13.98	240	311863	20.00	ng		0.00
87) Perylene-d12	15.44	264	312277	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	553329	80.73	ng		0.00
7) Phenol-d6	6.46	99	691449	85.29	ng		0.00
23) Nitrobenzene-d5	7.38	82	650606	80.84	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	164491	71.39	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1183962	80.36	ng		0.00
79) Terphenyl-d14	12.92	244	1347108	89.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	124892	33.150	ng		98
3) Pyridine	3.25	79	351667	33.879	ng		98
4) n-Nitrosodimethylamine	3.20	42	169681	33.898	ng		99
6) Aniline	6.47	93	479478	40.945	ng	#	57
8) 2-Chlorophenol	6.60	128	313163	42.798	ng		97
9) Benzaldehyde	6.37	77	206757	36.431	ng		97
10) Phenol	6.47	94	402750	42.232	ng	#	62
11) bis(2-Chloroethyl)ether	6.55	93	301646	41.664	ng		98
12) 1,3-Dichlorobenzene	6.75	146	348051	42.374	ng		98
13) 1,4-Dichlorobenzene	6.83	146	350650	42.365	ng		98
14) 1,2-Dichlorobenzene	6.98	146	330408	43.695	ng		99
15) Benzyl Alcohol	6.96	79	252712	39.969	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	562852	40.095	ng		56
17) 2-Methylphenol	7.08	107	249603	41.525	ng	#	89
18) Hexachloroethane	7.32	117	128918	41.496	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	216816	42.195	ng		97
20) 3+4-Methylphenols	7.23	107	340002	48.958	ng	#	66
22) Acetophenone	7.22	105	429149	42.888	ng	#	88
24) Nitrobenzene	7.40	77	339152	41.373	ng		94
25) Isophorone	7.63	82	580273	38.875	ng		99
26) 2-Nitrophenol	7.72	139	156260	39.290	ng		98
27) 2,4-Dimethylphenol	7.76	122	247958	39.696	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	385880	39.843	ng		99
29) 2,4-Dichlorophenol	7.97	162	259085	41.654	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	290483	41.070	ng		97
31) Naphthalene	8.12	128	894981	42.419	ng		97
32) Benzoic acid	7.93	122	45201m	15.685	ng		
33) 4-Chloroaniline	8.17	127	413087	42.965	ng		99
34) Hexachlorobutadiene	8.23	225	167512	41.625	ng		98
35) Caprolactam	8.54	113	86497	42.648	ng		93
36) 4-Chloro-3-methylphenol	8.67	107	270833	43.258	ng		97
37) 2-Methylnaphthalene	8.81	142	597920	43.923	ng		95
38) 1-Methylnaphthalene	8.90	142	563472	43.954	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	278469	41.250	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	8536	6.891	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	171502	36.934	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	168346	35.352	ng		98
46) 1,1'-Biphenyl	9.27	154	738334	41.010	ng		97
47) 2-Chloronaphthalene	9.30	162	582338	40.191	ng		98
48) 2-Nitroaniline	9.40	65	207421	40.365	ng		98
49) Acenaphthylene	9.71	152	909533	41.272	ng		98
50) Dimethylphthalate	9.57	163	658494	40.251	ng		99
51) 2,6-Dinitrotoluene	9.64	165	145318	40.048	ng		93
52) Acenaphthene	9.88	154	541808	40.065	ng		98
53) 3-Nitroaniline	9.81	138	190055	42.194	ng		97
54) 2,4-Dinitrophenol	9.98	184	2410	7.955	ng		97
55) Dibenzofuran	10.06	168	781385	39.405	ng		97
56) 4-Nitrophenol	10.01	139	44801	14.064	ng		94
57) 2,4-Dinitrotoluene	10.05	165	183854	37.330	ng	#	79
58) Fluorene	10.40	166	660751	43.140	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	137801	33.537	ng		97
60) Diethylphthalate	10.26	149	676732	40.712	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	317375	42.189	ng		100
62) 4-Nitroaniline	10.43	138	191252	40.406	ng		97
63) Azobenzene	10.55	77	632881	39.334	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	18109	8.256	ng		94
66) n-Nitrosodiphenylamine	10.50	169	561462	40.527	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	197462	39.288	ng		98
68) Hexachlorobenzene	10.95	284	220628	39.681	ng		98
69) Atrazine	11.03	200	173394	40.218	ng		98
70) Pentachlorophenol	11.16	266	166416m	63.139	ng		
71) Phenanthrene	11.36	178	949549	42.757	ng		97
72) Anthracene	11.42	178	971672	43.561	ng		97
73) Carbazole	11.57	167	923066	43.396	ng		98
74) Di-n-butylphthalate	11.89	149	1106770	45.164	ng		100
75) Fluoranthene	12.55	202	1038804	43.437	ng		100
77) Benzidine	12.67	184	462400	33.031	ng		97
78) Pyrene	12.78	202	1056896	42.128	ng		99
80) Butylbenzylphthalate	13.39	149	472721	44.766	ng		97
81) Benzo(a)anthracene	13.97	228	851560	42.217	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	324878	41.518	ng		98
83) Chrysene	14.01	228	835718	42.265	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	654028	47.357	ng		100
85) Di-n-octyl phthalate	14.55	149	1050258	46.912	ng		98
86) Indeno(1,2,3-cd)pyrene	16.92	276	899636	51.480	ng		99
88) Benzo(b)fluoranthene	15.02	252	786028	39.289	ng		99
89) Benzo(k)fluoranthene	15.04	252	720118	39.184	ng		100
90) Benzo(a)pyrene	15.39	252	719331	40.855	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	737064	50.378	ng		98
92) Benzo(g,h,i)perylene	17.36	276	766388	52.270	ng		96

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

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