Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112100.D
Acq On : 17 Jan 2019 21:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/18/2019 11:46:00 AM

Quant Time: Jan 18 00:59:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	290933	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1037853	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	455551	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	724483	20.00	ng		0.00
76) Chrysene-d12	14.03	240	641706	20.00	ng		0.00
87) Perylene-d12	15.50	264	505799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1266487	79.01	ng		0.00
7) Phenol-d6	6.51	99	1538041	76.69	ng		0.00
23) Nitrobenzene-d5	7.43	82	1348497	89.77	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	355810	72.40	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2488016	80.07	ng		0.00
79) Terphenyl-d14	12.97	244	2241227	74.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	285336	37.956	ng		99
3) Pyridine	3.36	79	740295	39.318	ng		99
4) n-Nitrosodimethylamine	3.30	42	294852	38.569	ng		99
6) Aniline	6.52	93	926717	37.993	ng	#	61
8) 2-Chlorophenol	6.66	128	727614	39.085	ng		99
9) Benzaldehyde	6.41	77	447016	42.584	ng		100
10) Phenol	6.52	94	838049	38.236	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	676894	38.842	ng		98
12) 1,3-Dichlorobenzene	6.80	146	832961	39.207	ng		99
13) 1,4-Dichlorobenzene	6.88	146	840999	38.700	ng		99
14) 1,2-Dichlorobenzene	7.03	146	774653	38.699	ng		97
15) Benzyl Alcohol	7.00	79	581988	38.951	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	955047	38.002	ng		99
17) 2-Methylphenol	7.12	107	545125	38.992	ng		99
18) Hexachloroethane	7.37	117	243474	33.568	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	468072	38.312	ng		99
20) 3+4-Methylphenols	7.27	107	678161	40.007	ng		94
22) Acetophenone	7.27	105	951045	39.554	ng		98
24) Nitrobenzene	7.45	77	696176	43.728	ng		97
25) Isophorone	7.68	82	1118160	38.537	ng		99
26) 2-Nitrophenol	7.76	139	325588	40.785	ng		98
27) 2,4-Dimethylphenol	7.80	122	542980	40.315	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	795412	39.964	ng		99
29) 2,4-Dichlorophenol	8.01	162	586162	39.840	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	670293	39.257	ng		99
31) Naphthalene	8.17	128	1831261	38.794	ng		99
32) Benzoic acid	7.90	122	83812m	20.778	ng		
33) 4-Chloroaniline	8.22	127	807089	38.044	ng		99
34) Hexachlorobutadiene	8.29	225	376816	39.656	ng		98
35) Caprolactam	8.58	113	194955m	37.859	ng		
36) 4-Chloro-3-methylphenol	8.70	107	546504	38.030	ng		98
37) 2-Methylnaphthalene	8.86	142	1214469	37.888	ng		99
38) 1-Methylnaphthalene	8.96	142	1151354	37.374	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	623740	42.639	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	11367	9.613	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	379244	43.337	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	376749	40.422	ng		100
46) 1,1'-Biphenyl	9.32	154	1592192	41.799	ng		99
47) 2-Chloronaphthalene	9.35	162	1223240	41.025	ng		99
48) 2-Nitroaniline	9.44	65	325570	48.476	ng		89
49) Acenaphthylene	9.76	152	1696241	38.984	ng		100
50) Dimethylphthalate	9.62	163	1393935	41.958	ng		100
51) 2,6-Dinitrotoluene	9.68	165	284910	42.943	ng		90
52) Acenaphthene	9.93	154	1034079	38.843	ng		99
53) 3-Nitroaniline	9.85	138	332567	44.825	ng		91
54) 2,4-Dinitrophenol	9.96	184	3885	10.712	ng	#	36
55) Dibenzofuran	10.10	168	1551012	38.525	ng		98
56) 4-Nitrophenol	10.03	139	167151	34.949	ng		94
57) 2,4-Dinitrotoluene	10.09	165	322625	38.847	ng		92
58) Fluorene	10.45	166	1107913	36.832	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	258028	36.687	ng		98
60) Diethylphthalate	10.32	149	1314230	40.526	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	631283	38.892	ng		99
62) 4-Nitroaniline	10.46	138	299029	40.589	ng		97
63) Azobenzene	10.60	77	1133951	36.513	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	17212	14.571	ng		86
66) n-Nitrosodiphenylamine	10.56	169	1069821	44.668	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	365517	43.435	ng		96
68) Hexachlorobenzene	11.00	284	367199	40.508	ng		98
69) Atrazine	11.08	200	314947	40.750	ng		99
70) Pentachlorophenol	11.20	266	150645	38.031	ng		98
71) Phenanthrene	11.41	178	1441223	39.529	ng		99
72) Anthracene	11.46	178	1448785	39.226	ng		99
73) Carbazole	11.62	167	1416317	38.280	ng		99
74) Di-n-butylphthalate	11.94	149	1808349	43.450	ng		99
75) Fluoranthene	12.60	202	1453541	37.758	ng		99
77) Benzidine	12.72	184	798647	37.302	ng		97
78) Pyrene	12.83	202	1531790	36.181	ng		100
80) Butylbenzylphthalate	13.44	149	731789	39.400	ng		95
81) Benzo(a)anthracene	14.02	228	1409828	38.317	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	606686	44.029	ng		98
83) Chrysene	14.06	228	1339255	38.468	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1076891	40.456	ng		99
85) Di-n-octyl phthalate	14.61	149	1763830	43.006	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	989495	30.806	ng		100
88) Benzo(b)fluoranthene	15.07	252	1186253	41.317	ng		99
89) Benzo(k)fluoranthene	15.10	252	1123015	40.413	ng		98
90) Benzo(a)pyrene	15.44	252	1034035	39.272	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	844568	36.115	ng		99
92) Benzo(g,h,i)perylene	17.43	276	786656	34.144	ng		99

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

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