Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080319\
Data File : BF115979.D
Acq On : 3 Aug 2019 17:39
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 05 01:19:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	150999	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	612388	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	324554	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	565756	20.00	ng		0.00
76) Chrysene-d12	14.03	240	398694	20.00	ng		0.00
87) Perylene-d12	15.50	264	355346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	742338	82.30	ng		0.00
7) Phenol-d6	6.49	99	916013	80.49	ng		0.00
23) Nitrobenzene-d5	7.42	82	849455	80.07	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	245947	78.16	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1403714	81.01	ng		0.00
79) Terphenyl-d14	12.97	244	1523894	80.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	173029	37.972	ng		99
3) Pyridine	3.37	79	457240	35.921	ng		99
4) n-Nitrosodimethylamine	3.31	42	151240	30.108	ng		100
6) Aniline	6.52	93	649004	39.822	ng		96
8) 2-Chlorophenol	6.65	128	403977	40.502	ng		97
9) Benzaldehyde	6.40	77	308365	39.271	ng		98
10) Phenol	6.50	94	538391	40.174	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	399117	40.508	ng		99
12) 1,3-Dichlorobenzene	6.80	146	463795	40.235	ng		99
13) 1,4-Dichlorobenzene	6.87	146	465031	40.291	ng		99
14) 1,2-Dichlorobenzene	7.03	146	432595	40.705	ng		99
15) Benzyl Alcohol	7.00	79	350006	40.527	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	544728	40.533	ng		96
17) 2-Methylphenol	7.11	107	343277	40.645	ng		99
18) Hexachloroethane	7.36	117	172449	40.582	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	277679	39.376	ng		99
20) 3+4-Methylphenols	7.26	107	407741	40.797	ng	#	84
22) Acetophenone	7.26	105	538710	40.111	ng		97
24) Nitrobenzene	7.44	77	460802	40.226	ng		95
25) Isophorone	7.67	82	807645	39.813	ng		100
26) 2-Nitrophenol	7.75	139	218708	40.503	ng		98
27) 2,4-Dimethylphenol	7.79	122	326323	40.168	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	510523	40.603	ng		99
29) 2,4-Dichlorophenol	8.00	162	346352	40.378	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	394668	40.363	ng		99
31) Naphthalene	8.16	128	1159863	40.248	ng		99
32) Benzoic acid	7.93	122	175514	30.643	ng		99
33) 4-Chloroaniline	8.20	127	527810	40.992	ng		99
34) Hexachlorobutadiene	8.27	225	227412	40.378	ng		99
35) Caprolactam	8.60	113	111330	40.129	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	364531	40.850	ng		100
37) 2-Methylnaphthalene	8.85	142	762053	40.153	ng		100
38) 1-Methylnaphthalene	8.95	142	725591	40.412	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	353975	40.796	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93314	28.105	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	238726	39.973	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	244681	39.634	ng		98
46) 1,1'-Biphenyl	9.32	154	932162	40.682	ng		100
47) 2-Chloronaphthalene	9.35	162	771007	40.429	ng		99
48) 2-Nitroaniline	9.44	65	255989	40.610	ng		89
49) Acenaphthylene	9.76	152	1124617	40.421	ng		100
50) Dimethylphthalate	9.62	163	903657	40.892	ng		99
51) 2,6-Dinitrotoluene	9.68	165	192628	40.111	ng	#	86
52) Acenaphthene	9.93	154	683925	40.069	ng		100
53) 3-Nitroaniline	9.86	138	231215	38.965	ng		99
54) 2,4-Dinitrophenol	9.97	184	62376	30.856	ng		94
55) Dibenzofuran	10.10	168	997597	40.190	ng		99
56) 4-Nitrophenol	10.02	139	114822	30.206	ng		99
57) 2,4-Dinitrotoluene	10.09	165	253502	39.647	ng		97
58) Fluorene	10.45	166	783640	41.033	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	199926	38.493	ng		98
60) Diethylphthalate	10.32	149	843809	40.899	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	396352	40.979	ng		99
62) 4-Nitroaniline	10.47	138	226673	36.963	ng		99
63) Azobenzene	10.59	77	862298	40.634	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	114312	38.128	ng		97
66) n-Nitrosodiphenylamine	10.56	169	687969	40.401	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	244787	40.418	ng		91
68) Hexachlorobenzene	11.00	284	281564	40.205	ng		95
69) Atrazine	11.08	200	227938	40.688	ng		100
70) Pentachlorophenol	11.20	266	118209	34.767	ng		98
71) Phenanthrene	11.41	178	1155780	39.961	ng		99
72) Anthracene	11.46	178	1174091	40.111	ng		99
73) Carbazole	11.62	167	1062865	40.023	ng		99
74) Di-n-butylphthalate	11.94	149	1295943	41.833	ng		100
75) Fluoranthene	12.60	202	1222195	40.364	ng		99
77) Benzidine	12.72	184	466713	34.649	ng		97
78) Pyrene	12.83	202	1234489	41.076	ng		99
80) Butylbenzylphthalate	13.44	149	544496	42.830	ng		97
81) Benzo(a)anthracene	14.02	228	1025633	40.248	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	348252	39.336	ng		98
83) Chrysene	14.06	228	993978	40.177	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	716211	43.353	ng		99
85) Di-n-octyl phthalate	14.60	149	1108100	42.229	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	774487	37.272	ng		99
88) Benzo(b)fluoranthene	15.07	252	835664	40.672	ng		97
89) Benzo(k)fluoranthene	15.10	252	856503	42.798	ng		100
90) Benzo(a)pyrene	15.44	252	758209	41.281	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	635040	39.943	ng		99
92) Benzo(g,h,i)perylene	17.43	276	624661	40.007	ng		97

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

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