Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116220.D
Acq On : 13 Aug 2019 9:56
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 13 23:15:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	158450	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	664382	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	354683	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	602683	20.00	ng		0.00
76) Chrysene-d12	14.01	240	420401	20.00	ng		0.00
87) Perylene-d12	15.47	264	402911	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	820015	86.64	ng		-0.01
7) Phenol-d6	6.49	99	998387	83.60	ng		0.00
23) Nitrobenzene-d5	7.41	82	930534	80.85	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	276066	80.28	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1476719	77.99	ng		0.00
79) Terphenyl-d14	12.95	244	1656982	83.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	193116	40.387	ng		100
3) Pyridine	3.33	79	525169	39.318	ng		99
4) n-Nitrosodimethylamine	3.30	42	208977	39.645	ng		99
6) Aniline	6.50	93	676804	39.574	ng	#	90
8) 2-Chlorophenol	6.63	128	452486	43.232	ng		95
9) Benzaldehyde	6.39	77	319540	38.781	ng		99
10) Phenol	6.50	94	572207	40.690	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	448195	43.350	ng		99
12) 1,3-Dichlorobenzene	6.78	146	501214	41.436	ng		98
13) 1,4-Dichlorobenzene	6.86	146	504930	41.691	ng		98
14) 1,2-Dichlorobenzene	7.01	146	460218	41.268	ng		98
15) Benzyl Alcohol	6.99	79	370624	40.896	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	588259	41.713	ng		84
17) 2-Methylphenol	7.10	107	375152	42.331	ng		97
18) Hexachloroethane	7.35	117	189383	42.471	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	311315	42.069	ng		98
20) 3+4-Methylphenols	7.25	107	441972	42.143	ng		93
22) Acetophenone	7.25	105	588402	40.382	ng		99
24) Nitrobenzene	7.43	77	513342	41.306	ng		96
25) Isophorone	7.66	82	934278	42.451	ng		99
26) 2-Nitrophenol	7.74	139	257212	43.906	ng		97
27) 2,4-Dimethylphenol	7.77	122	356126	40.406	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	585223	42.901	ng		99
29) 2,4-Dichlorophenol	7.99	162	398216	42.791	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	437519	41.244	ng		99
31) Naphthalene	8.14	128	1289464	41.244	ng		99
32) Benzoic acid	7.95	122	236463	38.054	ng		99
33) 4-Chloroaniline	8.19	127	588262	42.111	ng		99
34) Hexachlorobutadiene	8.26	225	249973	40.911	ng		99
35) Caprolactam	8.59	113	126178	41.922	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	417999	43.176	ng		95
37) 2-Methylnaphthalene	8.83	142	850645	41.313	ng		99
38) 1-Methylnaphthalene	8.93	142	802685	41.207	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	394359	41.590	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	127626	33.684	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	258213	39.563	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	268829	39.846	ng		98
46) 1,1'-Biphenyl	9.30	154	1015040	40.536	ng		99
47) 2-Chloronaphthalene	9.33	162	850346	40.801	ng		98
48) 2-Nitroaniline	9.43	65	283661	41.177	ng		98
49) Acenaphthylene	9.74	152	1224564	40.275	ng		99
50) Dimethylphthalate	9.60	163	1007264	41.709	ng		99
51) 2,6-Dinitrotoluene	9.67	165	220972	42.104	ng		94
52) Acenaphthene	9.91	154	758087	40.641	ng		99
53) 3-Nitroaniline	9.84	138	263278	40.599	ng		99
54) 2,4-Dinitrophenol	9.96	184	86944	37.203	ng		96
55) Dibenzofuran	10.09	168	1042237	38.421	ng		99
56) 4-Nitrophenol	10.02	139	153508	36.953	ng		95
57) 2,4-Dinitrotoluene	10.08	165	263932	37.772	ng	#	91
58) Fluorene	10.43	166	870240	41.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	218792	38.547	ng		97
60) Diethylphthalate	10.30	149	937868	41.596	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	440199	41.647	ng		97
62) 4-Nitroaniline	10.46	138	271261	40.477	ng		97
63) Azobenzene	10.57	77	970156	41.833	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	140373	43.951	ng		99
66) n-Nitrosodiphenylamine	10.53	169	775084	42.728	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	279120	43.263	ng		99
68) Hexachlorobenzene	10.98	284	311707	41.782	ng		98
69) Atrazine	11.06	200	216196	36.227	ng		98
70) Pentachlorophenol	11.18	266	127262	35.136	ng		97
71) Phenanthrene	11.39	178	1261294	40.937	ng		99
72) Anthracene	11.44	178	1297846	41.622	ng		99
73) Carbazole	11.60	167	1205301	42.606	ng		99
74) Di-n-butylphthalate	11.92	149	1423419	43.133	ng		100
75) Fluoranthene	12.58	202	1329379	41.214	ng		98
77) Benzidine	12.70	184	634734	44.690	ng		99
78) Pyrene	12.81	202	1339932	42.282	ng		99
80) Butylbenzylphthalate	13.41	149	611259	45.599	ng		95
81) Benzo(a)anthracene	14.00	228	1153587	42.931	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	401382	42.996	ng		99
83) Chrysene	14.04	228	1091598	41.844	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	819590	47.049	ng		98
85) Di-n-octyl phthalate	14.58	149	1285225	46.450	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	912150	41.631	ng		99
88) Benzo(b)fluoranthene	15.05	252	979698	42.053	ng		100
89) Benzo(k)fluoranthene	15.08	252	935742	41.238	ng		99
90) Benzo(a)pyrene	15.42	252	875541	42.042	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	747370	41.459	ng		98
92) Benzo(g,h,i)perylene	17.40	276	745950	42.135	ng		97

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

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