Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118381.D
Acq On : 30 Dec 2019 14:59
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/31/2019 12:21:51 PM

Quant Time: Dec 31 09:31:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185686	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	712770	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	379263	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	683998	20.00	ng		0.00
76) Chrysene-d12	14.06	240	463285	20.00	ng		0.00
87) Perylene-d12	15.54	264	386367	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	805396	74.04	ng		0.00
7) Phenol-d6	6.50	99	1001545	74.22	ng		0.01
23) Nitrobenzene-d5	7.43	82	932647	74.84	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	345782	73.83	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1865410	75.08	ng		0.00
79) Terphenyl-d14	12.99	244	2133596	76.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	155952	36.064	ng		99
3) Pyridine	3.35	79	416752	36.172	ng		99
4) n-Nitrosodimethylamine	3.32	42	175333	36.808	ng		97
6) Aniline	6.52	93	622838	36.348	ng		98
8) 2-Chlorophenol	6.65	128	462141	37.511	ng		100
9) Benzaldehyde	6.40	77	263829	33.347	ng		95
10) Phenol	6.51	94	557409	36.751	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	410911	37.882	ng		98
12) 1,3-Dichlorobenzene	6.80	146	533130	37.574	ng		97
13) 1,4-Dichlorobenzene	6.87	146	541675	37.585	ng		98
14) 1,2-Dichlorobenzene	7.03	146	508882	37.400	ng		99
15) Benzyl Alcohol	7.00	79	377230	36.715	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	448589	38.756	ng		91
17) 2-Methylphenol	7.12	107	362501	36.685	ng		97
18) Hexachloroethane	7.36	117	196139	37.081	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	306376	36.855	ng		96
20) 3+4-Methylphenols	7.27	107	463453	36.646	ng		97
22) Acetophenone	7.27	105	650639	37.245	ng	#	94
24) Nitrobenzene	7.45	77	462219	37.026	ng		99
25) Isophorone	7.69	82	811906	37.383	ng		99
26) 2-Nitrophenol	7.76	139	255468	38.636	ng		98
27) 2,4-Dimethylphenol	7.80	122	334962	37.129	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	541379	38.114	ng		99
29) 2,4-Dichlorophenol	8.00	162	395572	38.095	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	456325	37.725	ng		98
31) Naphthalene	8.17	128	1364186	37.656	ng		100
32) Benzoic acid	7.95	122	252047m	34.849	ng		
33) 4-Chloroaniline	8.22	127	581697	37.455	ng		99
34) Hexachlorobutadiene	8.27	225	279742	38.851	ng		99
35) Caprolactam	8.61	113	120600m	37.201	ng		
36) 4-Chloro-3-methylphenol	8.70	107	409896	36.767	ng		97
37) 2-Methylnaphthalene	8.86	142	925474	37.312	ng		99
38) 1-Methylnaphthalene	8.96	142	876625	37.513	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	434841	38.160	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	147948	36.388	ng		95
43) 2,4,6-Trichlorophenol	9.14	196	283369	37.223	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	289756	37.000	ng		99
46) 1,1'-Biphenyl	9.33	154	1133988	37.803	ng		99
47) 2-Chloronaphthalene	9.35	162	904156	37.450	ng		100
48) 2-Nitroaniline	9.45	65	257800	37.804	ng		99
49) Acenaphthylene	9.77	152	1330694	37.163	ng		99
50) Dimethylphthalate	9.62	163	1054743	37.049	ng		99
51) 2,6-Dinitrotoluene	9.70	165	236692	38.564	ng	#	83
52) Acenaphthene	9.94	154	817152	37.467	ng		99
53) 3-Nitroaniline	9.87	138	267645	37.153	ng		93
54) 2,4-Dinitrophenol	9.98	184	113482	39.478	ng		97
55) Dibenzofuran	10.12	168	1184131	36.744	ng		99
56) 4-Nitrophenol	10.04	139	182508	41.039	ng		93
57) 2,4-Dinitrotoluene	10.10	165	305336	37.230	ng		86
58) Fluorene	10.46	166	965442	37.111	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	246320	37.018	ng		99
60) Diethylphthalate	10.33	149	1074774	38.161	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	488952	37.650	ng		99
62) 4-Nitroaniline	10.49	138	277875	37.131	ng		96
63) Azobenzene	10.61	77	908511	37.660	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	139016	37.675	ng		96
66) n-Nitrosodiphenylamine	10.57	169	840348	38.334	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	308131	38.493	ng		95
68) Hexachlorobenzene	11.01	284	357947	37.989	ng		99
69) Atrazine	11.10	200	262507	38.799	ng		96
70) Pentachlorophenol	11.21	266	160162	39.249	ng		99
71) Phenanthrene	11.43	178	1405363	37.689	ng		100
72) Anthracene	11.48	178	1407191	37.703	ng		100
73) Carbazole	11.63	167	1259330	38.025	ng		99
74) Di-n-butylphthalate	11.96	149	1691879	40.290	ng		100
75) Fluoranthene	12.62	202	1435551	38.147	ng		98
77) Benzidine	12.74	184	557602	43.925	ng		99
78) Pyrene	12.85	202	1429409	37.783	ng		99
80) Butylbenzylphthalate	13.46	149	702819	41.259	ng		98
81) Benzo(a)anthracene	14.04	228	1230825	37.955	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	435057	39.568	ng		100
83) Chrysene	14.09	228	1177034	37.906	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	952161	42.509	ng		99
85) Di-n-octyl phthalate	14.63	149	1366968	41.489	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	909253	34.367	ng		100
88) Benzo(b)fluoranthene	15.11	252	963499	37.568	ng		99
89) Benzo(k)fluoranthene	15.14	252	974265	39.563	ng		99
90) Benzo(a)pyrene	15.49	252	860127	38.071	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	751968	38.354	ng		97
92) Benzo(g,h,i)perylene	17.52	276	717471	37.883	ng		98

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

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