Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112036.D
Acq On : 12 Jan 2019 1:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:46 PM

Quant Time: Jan 12 02:44:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	98188	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	321058	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	144210	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	274554	20.00	ng		0.00
76) Chrysene-d12	14.04	240	214959	20.00	ng		0.00
87) Perylene-d12	15.52	264	154370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	467738	81.50	ng		0.00
7) Phenol-d6	6.52	99	560980	75.84	ng		0.00
23) Nitrobenzene-d5	7.44	82	506116	84.25	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	146599	78.16	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	903096	91.32	ng		0.00
79) Terphenyl-d14	12.99	244	1034444	91.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	109784	43.747	ng		94
3) Pyridine	3.38	79	326002	50.120	ng		99
4) n-Nitrosodimethylamine	3.32	42	159162	49.182	ng		100
6) Aniline	6.54	93	331611	37.075	ng	#	79
8) 2-Chlorophenol	6.67	128	252283	39.587	ng		93
9) Benzaldehyde	6.42	77	161772	38.944	ng		98
10) Phenol	6.53	94	301414	37.490	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	235132	37.804	ng		98
12) 1,3-Dichlorobenzene	6.82	146	293624	39.744	ng		97
13) 1,4-Dichlorobenzene	6.89	146	295244	39.381	ng		98
14) 1,2-Dichlorobenzene	7.05	146	273077	38.105	ng		98
15) Benzyl Alcohol	7.02	79	211287	36.100	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	362572	34.190	ng		96
17) 2-Methylphenol	7.13	107	186820	36.474	ng		98
18) Hexachloroethane	7.39	117	72195	27.581	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	169882	35.346	ng		97
20) 3+4-Methylphenols	7.29	107	241384	37.867	ng		98
22) Acetophenone	7.28	105	341272	41.986	ng	#	95
24) Nitrobenzene	7.46	77	253151	41.658	ng		100
25) Isophorone	7.69	82	380225	39.087	ng		100
26) 2-Nitrophenol	7.77	139	110084	36.791	ng		95
27) 2,4-Dimethylphenol	7.82	122	178203	41.191	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	268035	41.280	ng		99
29) 2,4-Dichlorophenol	8.02	162	194466	39.091	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	223605	40.744	ng		97
31) Naphthalene	8.18	128	619792	40.667	ng		100
32) Benzoic acid	7.92	122	69469m	24.744	ng		
33) 4-Chloroaniline	8.23	127	263691	40.024	ng		99
34) Hexachlorobutadiene	8.30	225	143072	41.877	ng		99
35) Caprolactam	8.59	113	61619	37.911	ng		92
36) 4-Chloro-3-methylphenol	8.72	107	185050	37.412	ng		96
37) 2-Methylnaphthalene	8.87	142	387900	41.074	ng		99
38) 1-Methylnaphthalene	8.97	142	377321	41.656	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	209672	45.606	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1401	0.527	ng		81
43) 2,4,6-Trichlorophenol	9.15	196	127677	40.944	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	133031	40.718	ng		98
46) 1,1'-Biphenyl	9.33	154	529097	43.861	ng		98
47) 2-Chloronaphthalene	9.36	162	405534	42.835	ng		99
48) 2-Nitroaniline	9.45	65	127238	43.958	ng		98
49) Acenaphthylene	9.77	152	592415	42.325	ng		98
50) Dimethylphthalate	9.63	163	471611	43.534	ng		100
51) 2,6-Dinitrotoluene	9.69	165	95303	39.340	ng		97
52) Acenaphthene	9.95	154	348415	38.612	ng		99
53) 3-Nitroaniline	9.86	138	116292	44.826	ng		99
54) 2,4-Dinitrophenol	9.97	184	2713	2.645	ng	#	76
55) Dibenzofuran	10.12	168	544181	41.468	ng		99
56) 4-Nitrophenol	10.04	139	66986	36.543	ng		95
57) 2,4-Dinitrotoluene	10.10	165	115415	36.871	ng		99
58) Fluorene	10.46	166	394375	41.301	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	102804	37.346	ng		97
60) Diethylphthalate	10.33	149	454440	43.347	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	222774	41.604	ng		99
62) 4-Nitroaniline	10.47	138	118622	48.207	ng		97
63) Azobenzene	10.61	77	411565	41.095	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	5816	3.433	ng		87
66) n-Nitrosodiphenylamine	10.57	169	379392	41.178	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	139592	39.254	ng		97
68) Hexachlorobenzene	11.02	284	152449	38.682	ng		95
69) Atrazine	11.09	200	121158	37.428	ng		95
70) Pentachlorophenol	11.21	266	79051	35.249	ng		99
71) Phenanthrene	11.43	178	601240	40.959	ng		100
72) Anthracene	11.47	178	612002	41.071	ng		99
73) Carbazole	11.63	167	599759	41.378	ng		98
74) Di-n-butylphthalate	11.96	149	707469	42.020	ng		99
75) Fluoranthene	12.62	202	643518	42.704	ng		98
77) Benzidine	12.73	184	330870	51.513	ng		97
78) Pyrene	12.85	202	656664	44.398	ng		99
80) Butylbenzylphthalate	13.45	149	303573	48.549	ng		96
81) Benzo(a)anthracene	14.03	228	497349	40.202	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	220367	48.250	ng		98
83) Chrysene	14.07	228	474684	40.242	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	416622	50.734	ng	#	99
85) Di-n-octyl phthalate	14.62	149	589133	50.131	ng		98
86) Indeno(1,2,3-cd)pyrene	17.02	276	345474	40.174	ng		98
88) Benzo(b)fluoranthene	15.09	252	375608	40.675	ng		98
89) Benzo(k)fluoranthene	15.12	252	345992	39.860	ng		99
90) Benzo(a)pyrene	15.46	252	326869	40.258	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	292501	44.790	ng		98
92) Benzo(g,h,i)perylene	17.46	276	277042	43.374	ng		100

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

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