Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112075.D
Acq On : 17 Jan 2019 8:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 17 10:14:31 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	326318	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1238352	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	624790	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1197254	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1008625	20.00	ng	0.00
87) Perylene-d12	15.50	264	900944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1400310	77.89	ng	0.00
7) Phenol-d6	6.51	99	1736739	77.21	ng	0.00
23) Nitrobenzene-d5	7.43	82	1558272	86.94	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	574176	85.19	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2968495	69.66	ng	0.00
79) Terphenyl-d14	12.97	244	3352505	70.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.63	88	325673	38.624	ng	99
3) Pyridine	3.39	79	857080	40.584	ng	99
4) n-Nitrosodimethylamine	3.33	42	334078	38.961	ng	100
6) Aniline	6.53	93	1070519	39.129	ng	93
8) 2-Chlorophenol	6.65	128	831227	39.809	ng	94
9) Benzaldehyde	6.41	77	471640	38.478	ng	98
10) Phenol	6.52	94	950382	38.659	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	771376	39.463	ng	99
12) 1,3-Dichlorobenzene	6.80	146	923529	38.756	ng	100
13) 1,4-Dichlorobenzene	6.88	146	934732	38.349	ng	99
14) 1,2-Dichlorobenzene	7.03	146	873266	38.895	ng	97
15) Benzyl Alcohol	7.00	79	674343	40.238	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1113740	39.511	ng	99
17) 2-Methylphenol	7.12	107	624299	39.813	ng	100
18) Hexachloroethane	7.37	117	328905	40.429	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	546225	39.861	ng	99
20) 3+4-Methylphenols	7.27	107	765861	40.281	ng	99
22) Acetophenone	7.27	105	1082984	37.749	ng	99
24) Nitrobenzene	7.45	77	818079	43.066	ng	98
25) Isophorone	7.68	82	1354451	39.122	ng	100
26) 2-Nitrophenol	7.76	139	410287	42.755	ng	97
27) 2,4-Dimethylphenol	7.80	122	633648	39.430	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	923681	38.895	ng	99
29) 2,4-Dichlorophenol	8.01	162	703384	40.067	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	785404	38.551	ng	99
31) Naphthalene	8.17	128	2156616	38.289	ng	99
32) Benzoic acid	7.93	122	234440	36.062	ng	98
33) 4-Chloroaniline	8.22	127	970452	38.338	ng	100
34) Hexachlorobutadiene	8.29	225	444129	39.173	ng	99
35) Caprolactam	8.59	113	248460	40.438	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	681425	39.742	ng	99
37) 2-Methylnaphthalene	8.86	142	1482294	38.756	ng	99
38) 1-Methylnaphthalene	8.96	142	1417399	38.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	765411	38.151	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	278316	39.168 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	491964	40.990 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	526321	41.174 ng	99
46) 1,1'-Biphenyl	9.32	154	1968571	37.681 ng	98
47) 2-Chloronaphthalene	9.35	162	1549923	37.901 ng	99
48) 2-Nitroaniline	9.44	65	414120	44.958 ng	87
49) Acenaphthylene	9.76	152	2257439	37.828 ng	99
50) Dimethylphthalate	9.62	163	1755546	38.529 ng	100
51) 2,6-Dinitrotoluene	9.69	165	401354	44.107 ng	97
52) Acenaphthene	9.94	154	1398287	38.296 ng	98
53) 3-Nitroaniline	9.86	138	441938	43.431 ng	98
54) 2,4-Dinitrophenol	9.96	184	99663	46.566 ng	95
55) Dibenzofuran	10.11	168	2108496	38.186 ng	100
56) 4-Nitrophenol	10.03	139	279941	41.426 ng	99
57) 2,4-Dinitrotoluene	10.09	165	498274	43.167 ng	100
58) Fluorene	10.45	166	1562494	37.874 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	410208	42.526 ng	98
60) Diethylphthalate	10.32	149	1729823	38.892 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	850256	38.193 ng	98
62) 4-Nitroaniline	10.47	138	439249	43.472 ng	96
63) Azobenzene	10.60	77	1648896	38.713 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	213877	43.916 ng	99
66) n-Nitrosodiphenylamine	10.56	169	1522976	38.478 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	541651	38.949 ng	98
68) Hexachlorobenzene	11.00	284	584753	39.035 ng	98
69) Atrazine	11.09	200	503518	39.423 ng	99
70) Pentachlorophenol	11.20	266	272979	41.113 ng	99
71) Phenanthrene	11.42	178	2288338	37.979 ng	99
72) Anthracene	11.46	178	2313011	37.896 ng	98
73) Carbazole	11.62	167	2281777	37.319 ng	98
74) Di-n-butylphthalate	11.95	149	2627440	38.202 ng	100
75) Fluoranthene	12.60	202	2388724	37.549 ng	99
77) Benzidine	12.72	184	1204063	35.779 ng	100
78) Pyrene	12.83	202	2467147	37.075 ng	99
80) Butylbenzylphthalate	13.44	149	1157304	39.643 ng	92
81) Benzo(a)anthracene	14.02	228	2175114	37.611 ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	847562	39.134 ng	99
83) Chrysene	14.06	228	2053152	37.520 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1633875	39.051 ng	99
85) Di-n-octyl phthalate	14.61	149	2517834	39.058 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1820323	36.056 ng	100
88) Benzo(b)fluoranthene	15.07	252	1998950	39.087 ng	99
89) Benzo(k)fluoranthene	15.10	252	1891775	38.219 ng	99
90) Benzo(a)pyrene	15.44	252	1817896	38.761 ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1518694	36.458 ng	99
92) Benzo(g,h,i)perylene	17.43	276	1460237	35.583 ng	100

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

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