Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116472.D
Acq On : 23 Aug 2019 11:34
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 23 12:31:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 12:15:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132327	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	536268	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	279075	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	485631	20.00	ng		0.00
76) Chrysene-d12	14.03	240	348339	20.00	ng		0.00
87) Perylene-d12	15.50	264	347840	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	825900	104.48	ng		0.00
7) Phenol-d6	6.51	99	1033666	103.65	ng		0.00
23) Nitrobenzene-d5	7.45	82	960361	103.37	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	238024	87.97	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1614364	108.35	ng		0.00
79) Terphenyl-d14	12.99	244	1798050	108.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	181874	45.545	ng		98
3) Pyridine	3.43	79	546038	48.950	ng		99
4) n-Nitrosodimethylamine	3.38	42	214732	48.779	ng		99
6) Aniline	6.55	93	704207	49.306	ng		100
8) 2-Chlorophenol	6.67	128	428255	48.995	ng		95
9) Benzaldehyde	6.43	77	341772	49.667	ng		99
10) Phenol	6.52	94	547971	46.659	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	436283	50.528	ng		99
12) 1,3-Dichlorobenzene	6.83	146	482932	47.807	ng		98
13) 1,4-Dichlorobenzene	6.90	146	479162	47.374	ng		99
14) 1,2-Dichlorobenzene	7.06	146	445132	47.795	ng		97
15) Benzyl Alcohol	7.02	79	417571	55.173	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	586331	49.785	ng		99
17) 2-Methylphenol	7.13	107	369948	49.984	ng		99
18) Hexachloroethane	7.40	117	184372	49.510	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	342718	55.456	ng		96
20) 3+4-Methylphenols	7.29	107	455475	52.004	ng		93
22) Acetophenone	7.29	105	641925	54.580	ng	#	98
24) Nitrobenzene	7.46	77	495329	49.378	ng		95
25) Isophorone	7.70	82	902274	50.791	ng		99
26) 2-Nitrophenol	7.78	139	196318	41.517	ng		94
27) 2,4-Dimethylphenol	7.82	122	364468	51.231	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	558989	50.768	ng		99
29) 2,4-Dichlorophenol	8.02	162	357339	47.572	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	409105	47.779	ng		98
31) Naphthalene	8.19	128	1235307	48.951	ng		100
32) Benzoic acid	7.94	122	251348	50.112	ng		96
33) 4-Chloroaniline	8.23	127	545830	48.409	ng		96
34) Hexachlorobutadiene	8.31	225	220584	44.725	ng		99
35) Caprolactam	8.61	113	121343	49.947	ng		91
36) 4-Chloro-3-methylphenol	8.70	107	392794	50.265	ng		98
37) 2-Methylnaphthalene	8.87	142	822109	49.465	ng		98
38) 1-Methylnaphthalene	8.97	142	780581	49.646	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	356970	47.846	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	198044	67.910	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	252183	49.107	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	257366	48.482	ng		99
46) 1,1'-Biphenyl	9.34	154	1048815	53.232	ng		98
47) 2-Chloronaphthalene	9.36	162	812400	49.541	ng		97
48) 2-Nitroaniline	9.45	65	266026	49.080	ng		92
49) Acenaphthylene	9.78	152	1226297	51.259	ng		99
50) Dimethylphthalate	9.64	163	936826	49.302	ng		99
51) 2,6-Dinitrotoluene	9.70	165	199654	48.349	ng		99
52) Acenaphthene	9.95	154	772288	52.619	ng		99
53) 3-Nitroaniline	9.86	138	238304	46.704	ng		98
54) 2,4-Dinitrophenol	9.96	184	67426	38.452	ng	#	15
55) Dibenzofuran	10.12	168	1089242	51.033	ng		97
56) 4-Nitrophenol	10.01	139	183571	56.161	ng		98
57) 2,4-Dinitrotoluene	10.10	165	258682	47.050	ng		99
58) Fluorene	10.47	166	820261	49.950	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	217296	48.655	ng		98
60) Diethylphthalate	10.34	149	939371	52.950	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	399114	47.989	ng		95
62) 4-Nitroaniline	10.48	138	232245	44.044	ng		98
63) Azobenzene	10.62	77	984587	53.958	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	98067	38.106	ng		97
66) n-Nitrosodiphenylamine	10.57	169	739330	50.580	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	244272	46.987	ng		92
68) Hexachlorobenzene	11.02	284	263480	43.830	ng		93
69) Atrazine	11.10	200	230796	47.995	ng		98
70) Pentachlorophenol	11.20	266	163101	55.885	ng		97
71) Phenanthrene	11.43	178	1260076	50.755	ng		99
72) Anthracene	11.47	178	1268235	50.476	ng		100
73) Carbazole	11.63	167	1153257	50.592	ng		99
74) Di-n-butylphthalate	11.96	149	1428314	53.713	ng		99
75) Fluoranthene	12.61	202	1330094	51.175	ng		97
77) Benzidine	12.73	184	697801	59.295	ng		99
78) Pyrene	12.84	202	1336982	50.917	ng		99
80) Butylbenzylphthalate	13.46	149	606178	54.574	ng		93
81) Benzo(a)anthracene	14.02	228	1062591	47.726	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	389295	50.328	ng		99
83) Chrysene	14.06	228	1101665	50.967	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	783738	54.298	ng		99
85) Di-n-octyl phthalate	14.63	149	1368062	59.672	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	848212	46.721	ng		99
88) Benzo(b)fluoranthene	15.07	252	1064846	52.944	ng		99
89) Benzo(k)fluoranthene	15.10	252	975239	49.783	ng		100
90) Benzo(a)pyrene	15.44	252	908113	50.509	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	696911	44.781	ng		98
92) Benzo(g,h,i)perylene	17.41	276	665048	43.512	ng		97

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

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